

# Mineral Revenues 1996

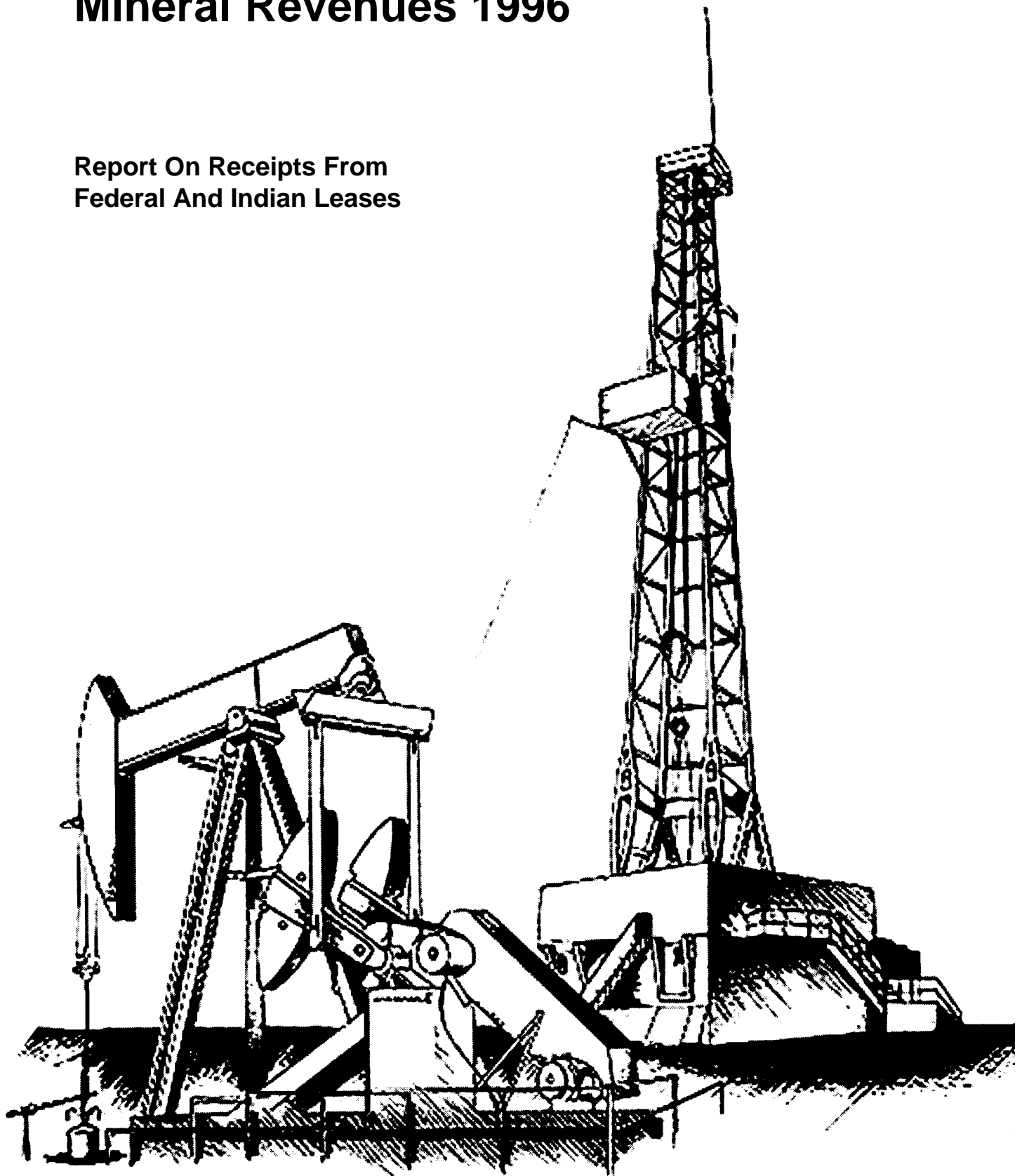
## Report On Receipts From Federal And Indian Leases

The Minerals Management Service Royalty Management Program (RMP) produces the annual Mineral Revenues report in the Fall of each year. The 1996 edition of the report should be published in the Fall of 1997.

In an effort to provide more timely information, the RMP will include completed tables, graphs, and narratives on this home page as soon as information becomes available. Although we anticipate no changes to this data, the information should be considered preliminary until published. Completed tables, graphs, and narratives are identified with an asterisk (\*) in the table of contents.

# Mineral Revenues 1996

Report On Receipts From  
Federal And Indian Leases



# **Mineral Revenues 1996**

**Report On Receipts From  
Federal And Indian Leases**

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Please visit our Internet site at <http://www.mms.gov> for an on-line copy of this report, quarterly collection updates by commodity and state, and other mineral publications.

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## Contents

- \* **Executive Summary, xi**
- \* **Products and Units of Measurement, xii**
- \* **About This Report, xiii**
- Mineral Revenues Management in 1996, 1**
  - Federal Oil and Gas Royalty Simplification and Fairness Act, **1**
  - RMP Reengineering Project, **1**
  - Automated Systems Initiatives, **2**
  - Indian Initiatives, **2**
  - Product Valuation, **3**
  - Revenue Underpayment Detection Programs, **6**
  - Federal and Indian Mineral Revenues, **8**
- Offshore Federal Mineral Revenues, 31**
- Onshore Federal Mineral Revenues, 53**
- Indian Mineral Revenues, 81**
- \* **Distribution of Federal and Indian Mineral Revenues, 93**
  - Outer Continental Shelf Lands, **93**
  - Public Domain Lands, **94**
  - Acquired Lands, **94**
  - Indian Lands, **94**
  - Alaska Native Lands, **94**
- \* **Royalty-In-Kind, 111**
- \* **Lease Management, 113**
  - Oil and Gas Leases, **113**
  - Coal Leases, **113**
  - Other Mineral Leases, **113**
- Glossary, 133**
- \* **Appendix A, 137**
  - Inch-Pound/Metric Conversion, **137**
- Appendix B, 139**
  - 1996 Table Conversion Chart, **139**
- Index, 141**
  - General Index, **141**
  - Commodity Index, **142**
  - State Index, **143**

## Figures

### Mineral Revenues Management in 1996

1. Revenues from Federal and Indian leases by source, 1987-96, **xiv**
2. Royalties from Federal and Indian leases by commodity, 1987-96, **xiv**
3. Royalties from Federal and Indian leases. 1920-2000, **4**
- \* 4. West Texas Intermediate crude oil prices, 1972-96, **5**
- \* 5. Revenues from RMP underpayment detection programs, FY 1987-96, **7**
6. Oil royalties from Federal and Indian leases, 1987-96, **8**
7. Gas royalties from Federal and Indian leases, 1987-96, **9**
8. Coal royalties from Federal and Indian leases, 1987-96, **9**
9. Other royalties from Federal and Indian leases, 1987-96, **9**
10. Royalties from Federal and Indian leases, 1987-96, **19**
11. Federal and Indian sales volume as a percentage of total U.S. production, Calendar Year 1996, **29**

### Offshore Federal Mineral Revenues

- \* 12. Revenues from OCS leases by source, 1987-96, **30**
- \* 13. Royalties from OCS leases by commodity, 1987-96, **30**
14. Federal offshore oil royalties, 1987-96, **31**
15. Federal offshore gas royalties, 1987-96, **31**
16. Federal offshore other royalties, 1987-96, **32**
- \* 17. Map of OCS regions in current OCS oil and gas leasing program, **35**
- \* 18. Federal offshore royalties as a percentage of total Federal and Indian royalties from oil and gas, Calendar Year 1996, **37**
- \* 19. Federal offshore gas royalties by State, Calendar Year 1996, **44**
- \* 20. Federal offshore oil royalties by State, Calendar Year 1996, **44**
- \* 21. Federal offshore other royalties by State, Calendar Year 1996, **44**
- \* 22. Bonuses paid on lease sales of OCS oil and gas tracts by OCS region, 1987-96, **48**

## Figures (cont.)

### Onshore Federal Mineral Revenues

- 23. Revenues from Federal onshore leases by source, 1987-96, **52**
- 24. Royalties from Federal onshore leases by commodity, 1987-96, **52**
- 25. Federal onshore oil royalties, 1987-96, **53**
- 26. Federal onshore gas royalties, 1987-96, **53**
- 27. Federal onshore coal royalties, 1987-96, **54**
- 28. Federal onshore other royalties, 1987-96, **54**
- \* 29. Federal onshore coal royalties by State, in millions, Calendar Year 1996, **75**
- \* 30. Federal onshore gas royalties by State, in millions, Calendar Year 1996, **75**
- \* 31. Federal onshore oil royalties by State, in millions, Calendar Year 1996, **75**

### Indian Mineral Revenues

- 32. Revenues from Indian leases by source, 1987-96, **80**
- 33. Royalties from Indian leases by commodity, 1987-96, **80**
- 34. Indian oil royalties, 1987-96, **81**
- 35. Indian gas royalties, 1987-96, **81**
- 36. Indian coal royalties, 1987-96, **81**
- 37. Indian other royalties, 1987-96, **82**

### Distribution of Federal and Indian Mineral Revenues

- \* 38. Disbursement of mineral revenues, in millions, from Federal and Indian leases, Fiscal Years 1987-96, **92**
- \* 39. Disbursement of mineral revenues, in millions, to the Indian Community, States, and the Federal Government, Fiscal Years 1987-96, **92**
- \* 40. Disbursement of mineral revenues, in millions, from Federal and Indian leases, Fiscal Year 1996, **98**
- \* 41. Disbursement to States of royalties and other revenues from Federal onshore leases, in millions, Fiscal Year 1996, **99**

## Figures (cont.)

### Royalty-In-Kind

- \* 42. Royalty-in-kind barrels of oil sold by land category, 1987-96, **110**
- \* 43. Royalty-in-kind oil royalty value by land category, 1987-96, **110**

### Lease Management

- \* 44. Producing and producible Federal and Indian onshore, and Federal offshore oil and gas leases, 1987-96, **112**
- \* 45. Mineral leases, licenses, permits, and applications on Federal and Indian onshore lands, 1987-96, **112**
- \* 46. Producing Federal and Indian onshore coal leases, 1987-96, **117**
- \* 47. Oil, gas, and other mineral leases, licenses, and permits on the OCS, 1987-96, **120**



## Preliminary

### Tables

#### Mineral Revenues Management in 1996

- \* 1. Revenues from principal Royalty Management Program underpayment detection programs, Fiscal Years 1982-96, **6**
- \* 2. Revenues from Federal and Indian mineral leases in the United States, Calendar Years 1987-96, **10-11**
- 3. Royalties, rents, and bonuses from Federal and Indian mineral leases in the United States, Calendar Years 1987-96, **12-15**
- 4. Summary of royalty revenues other than rents and bonuses collected from Federal and Indian mineral leases in the United States, Calendar Years 1920-96, **16-17**
- 5. Calendar Year 1996 sales volume, sales value, and royalties for selected minerals from OCS, Federal onshore, and Indian mineral leases, **18**
- \* 6. Calendar Year 1996 sales volume, sales value, and royalties for selected minerals from OCS mineral leases, **19**
- 7. Calendar Year 1996 sales volume, sales value, and royalties for selected minerals from Federal onshore mineral leases, **20**
- 8. Calendar Year 1996 sales volume, sales value, and royalties for selected minerals from Indian mineral leases, **21**
- 9. Summary of sales volume, sales value, and royalties for selected minerals from OCS, Federal onshore, and Indian mineral leases, Calendar Years 1920-96, **22-25**
- 10. Summary of selected Calendar Year 1996 mineral sales volumes from Federal offshore, Federal onshore, and Indian mineral leases as a percentage of total U.S. production, **26**
- 11. Summary of selected mineral sales volumes from Federal offshore, Federal onshore, and Indian mineral leases as a percentage of total U.S. production, Calendar Years 1950-96, **27-29**

#### Offshore Federal Mineral Revenues

- \* 12. Calendar Year 1996 summary of sales volume, sales value, and royalties by commodity from OCS mineral leases, **33**
- \* 13. Summary of sales volume, sales value, and royalties by commodity from OCS mineral leases, Calendar Years 1953-96, **33**
- \* 14. Calendar Year 1996 sales volume, sales value, and royalties by area and commodity from OCS mineral leases, **34-35**
- \* 15. Summary of sales volume, sales value, and royalties by area and commodity from OCS mineral leases, Calendar Years 1953-96, **36-37**
- \* 16. Summary of sales volume, sales value, and royalties by area and year from OCS mineral leases, Calendar Years 1953-96, **38-43**

## Preliminary

### Tables (cont.)

- \* 17. Summary of sales volume, sales value, and royalties by commodity and year from OCS mineral leases, Calendar Years 1953-96, **45**
- \* 18. Summary of rents by area from OCS leases, Calendar Years 1953-96, **46-47**
- \* 19. Calendar Year 1996 bonuses paid on lease sales of OCS oil and gas tracts by area, **48**
- \* 20. Summary of bonuses paid on lease sales of OCS oil and gas tracts, Calendar Years 1954-96, **49**
- \* 21. Summary of other revenues by area from OCS leases, Calendar Years 1957-96, **50-51**

#### Onshore Federal Mineral Revenues

- 22. Summary of sales volume, sales value, and royalties by State and commodity from Federal onshore mineral leases, Calendar Years 1920-96, **55-69**
- \* 23. Calendar Year 1996 sales volume, sales value, and royalties by commodity and State from Federal onshore mineral leases, **70-74**
- \* 24. Summary of rents by State from Federal onshore mineral leases, Calendar Years 1985-96, **76**
- \* 25. Fiscal Year 1996 accepted bonus bids by State and commodity from sales of Federal onshore mineral leases, **77**
- \* 26. Summary of accepted bonus bids from sales of Federal onshore mineral leases, Fiscal Years 1954-96, **78**
- \* 27. Summary of other revenues by State from Federal onshore mineral leases, Calendar Years 1985-96, **79**

#### Indian Mineral Revenues

- 28. Summary of sales volume, sales value, and royalties by State and commodity from Indian mineral leases, Calendar Years 1937-96, **83-89**
- \* 29. Calendar Year 1996 sales volume, sales value, and royalties by commodity and State from Indian mineral leases, **90-91**

#### Distribution of Federal and Indian Mineral Revenues

- \* 30. Formulas for the disbursement of revenues from Federal and Indian mineral leases, **95-97**
- \* 31. Disbursement of Federal and Indian mineral lease revenues, Fiscal Years 1982-96, **98**
- \* 32. Summary of mineral revenues distributed to other Federal agencies by the Minerals Management Service from Federal onshore acquired lands, Fiscal Years 1985-96, **99**
- \* 33. Summary of mineral revenues distributed to States from Federal mineral leases by revenue type, Fiscal Year 1996, **100-105**

## Preliminary

### Tables (cont.)

- \* 34. Summary of mineral revenues distributed to States by the Bureau of Land Management and Minerals Management Service from Federal onshore mineral leases, Fiscal Years 1920-96, **106-107**
- \* 35. Distribution of OCS rents, bonuses, royalties, escrow funds, and settlement payments under the provisions of the OCS Lands Act as amended, Fiscal Years 1986-96, **108-109**

### Royalty-In-Kind

- \* 36. Summary of royalty-in-kind oil taken as royalty payments for Federal mineral lease sales volume, Calendar Years 1976-96, **111**

### Lease Management

- \* 37. Producing and producible Federal and Indian onshore, and Federal offshore oil and gas leases as of December 31, 1996, **114**
- \* 38. Producing and producible Federal and Indian onshore, and Federal offshore oil and gas leases as of December 31, 1987-96, **115**
- \* 39. Producing Federal and Indian onshore coal leases as of December 31, 1996, **116**
- \* 40. Producing Federal and Indian onshore coal leases as of December 31, 1987-96, **117**
- \* 41. Producing Federal and Indian onshore leases of other minerals as of December 31, 1996, **118-119**
- \* 42. Producing Federal and Indian onshore leases of other minerals as of December 31, 1987-96, **119**
- \* 43. Summary by area of producing and nonproducing oil, gas, and other mineral leases under the supervision of the Department of the Interior on the OCS, as of December 31, 1996, **120**
- \* 44. Summary of producing and nonproducing oil, gas, and other mineral leases under the supervision of the Department of the Interior on the OCS, as of December 31, 1987-96, **121**
- \* 45. Summary by State of oil, gas, and other mineral leases, licenses, permits, and applications under the supervision of the Department of the Interior on Federal and Indian onshore lands, as of December 31, 1996, **122-123**
- \* 46. Summary of oil, gas, and other mineral leases, licenses, permits, and applications under the supervision of the Department of the Interior on Federal and Indian onshore lands, as of December 31, 1987-96, **124-125**
- \* 47. General Federal and Indian mineral lease terms, **126-131**

## Preliminary

### Executive Summary

The U.S. Department of the Interior and the royalty management staff of the Minerals Management Service (MMS) continued efforts to improve stewardship of the Nation's mineral resources in 1996.

#### ***Royalty Management Initiatives in 1996***

President Clinton signed the Federal Oil and Gas Royalty Simplification and Fairness Act (RSFA) on August 13, 1996, to improve the management of Federal offshore and onshore mineral leases. The legislation includes a 7-year statute of limitations for all royalty collections; a 33-month limit on all administrative appeals; administrative relief to encourage oil and gas production from marginal properties; and the framework for delegation of royalty functions to States, subject to the discretion of the Secretary of the Interior. The MMS will work with States and industry to revise or create appropriate regulations; modify MMS automated systems and operations; and revise reporting procedures.

The Royalty Management Program (RMP) undertook a compliance reengineering initiative in April 1996 to ensure the cost-effective collection of Federal and Indian mineral revenues. Enactment of RSFA materially changed many historic RMP operating assumptions and financial activities. The MMS announced in April 1997 that the reengineering effort would expand to include all RMP core business processes. The MMS will work with employees, industry, and organizations with a vested interest in the royalty management process. The initiative is intended to identify customer needs and expectations and to design, develop, and implement new business processes, with supporting automated systems, for the 21st century.

The MMS continued efforts to improve product valuation in 1996. Federal and Indian negotiated rulemaking committees worked throughout the year to review policies and procedures used to value oil and natural gas. Although a few major issues remain unresolved, the MMS is committed to working with industry, the States, and the Indian community to improve and simplify payment of royalties and to reduce administrative costs for all parties.

Revenue underpayment detection programs administered by RMP generated over \$72.9 million in Fiscal Year 1996. This included \$39.7 million in additional revenues and refund denials from collective Federal, State, and Indian audit

programs; \$18.4 million from comparisons of sales reported to the Auditing and Financial System with corresponding production reported to the Production Accounting and Auditing System; and \$13.3 million in interest collections for late, insufficient, or erroneous mineral payments.

#### ***Federal and Indian Mineral Revenues in 1996***

Revenues from Federal and Indian leases rose 43.5 percent, or nearly \$1.7 billion, from \$3.8 billion in 1995 to \$5.5 billion in 1996. The increase was attributed to a sharp rise in oil and gas prices during the year and to significant bonus collections from competitive oil and gas lease sales on the Outer Continental Shelf.

Federal and Indian gas royalties jumped 52 percent, or \$761.1 million, during the year. Cold winter weather in late 1995 and early 1996 depleted many of the nations gas inventories. Underground storage facilities were at record lows by the spring of 1996. Despite injections during the spring and summer, underground stocks remained low at the beginning of the heating season in the fall. Cold November weather accelerated withdrawals causing an upward movement in prices. The U.S. Department of Energy (DOE) estimates that natural gas wellhead prices rose an average of 40 percent during the year.

Royalty collections from oil on Federal and Indian lands rose 27.5 percent, or \$323.3 million, from 1995 to 1996. The DOE reports that low world inventories, high international demand, and cold weather caused prices to rise over \$3 per barrel in 1996. Inventories in the developed nations reached a 10-year low during the year. Demand in the United States, Europe, and the developing nations of Asia, Africa, Latin America, and the Middle East increased, causing prices to rise with limited supplies.

Federal and Indian coal royalties fell \$4.3 million in 1996. Continued gains in mining productivity have forced prices down in recent years. The expected increase on coal prices from the effects of the Clean Air Act of 1990 have been more than offset by the productivity gains.

Bonus receipts from competitive lease sales nearly doubled from \$501 million in 1995 to \$965.7 million in 1996. Three offshore oil and gas lease sales produced over \$878 million of that amount during the year.

## Preliminary

### Products and Units of Measurement

Product	Unit of Measurement
Amethyst . . . . .	Grams
Carbon Dioxide . . . . .	Mcf (thousand cubic feet)
Coal . . . . .	Short tons (2,000 pounds)
Copper . . . . .	Short tons
Garnet Gem . . . . .	Kilograms
Gas . . . . .	Mcf
Gas Plant Products . . . . .	Gallons
Geothermal and Heated Water Sources . . . . .	Millions of British thermal units
Helium . . . . .	Mcf
Nitrogen . . . . .	Mcf
Oil . . . . .	Barrels (42 U.S. gallons)
Phosphate . . . . .	Short tons
Potash . . . . .	Short tons
Quartz Crystals . . . . .	Pounds
Sand and Gravel . . . . .	Short tons
Sodium . . . . .	Short tons
Sulfur . . . . .	Short tons
All Other Solid Minerals . . . . .	Short tons

NOTE: Sulfur is reported as either a fluid or solid mineral based on the method of extraction. Fluid mineral sulfur is produced by extracting the product from the oil and gas stream. All onshore sulfur and a limited amount of offshore sulfur are currently produced from the oil and gas stream. Solid mineral sulfur is extracted using the Frasch process. The majority of offshore sulfur is produced using the Frasch mining method.

Products reported in long tons have been converted to short tons in this report.

Sodium product figures include sodium borate and carbonate compounds.

## About This Report

The Mineral Revenues report provides information addressing royalty, rent, bonus, and other revenue receipts from Federal and Indian mineral leases. The Minerals Management Service Royalty Management Program distributes the report annually to Congressional, Federal, State, Indian, and industry representatives. Many of the narratives, figures, and tables address current-year performance; however, 10 years of historical data are provided where appropriate as a service to our constituents.

Some information in this report necessarily includes estimated data that may change after publication. Numbers in parentheses may include current-year collections and credits, and prior-year adjustments. All tables and figures are annotated to indicate calendar or fiscal year data.

Appendix A on page 137 provides factors to convert measurements to either English (inch-pound) units or the International System of Units (metric).

### ***Mineral Lease Revenues***

The report addresses four types of mineral lease revenues: bonuses, rents, minimum royalties, and royalties.

- **Bonuses.** Leases issued in areas known to contain minerals are awarded through a competitive bidding process. Bonuses represent the cash amount successfully bid to win the rights to a lease.
- **Rents.** A rent schedule is established at the time a lease is issued. Rents are annual payments, normally a fixed dollar amount per acre, required to preserve the rights to a lease.
- **Minimum Royalties.** A Federal lease may further contain a minimum royalty provision. Minimum royalty is the annual payment, on a per-acre basis, required to maintain the rights to a lease until production exceeds a minimum value. Once annual production exceeds the minimum value, minimum royalty payments cease.

Minimum royalties are included under the entry “Other Revenues” in this report. “Other Revenues” include settlement payments, gas storage fees, estimated payments, and recoupments in addition to minimum royalties.

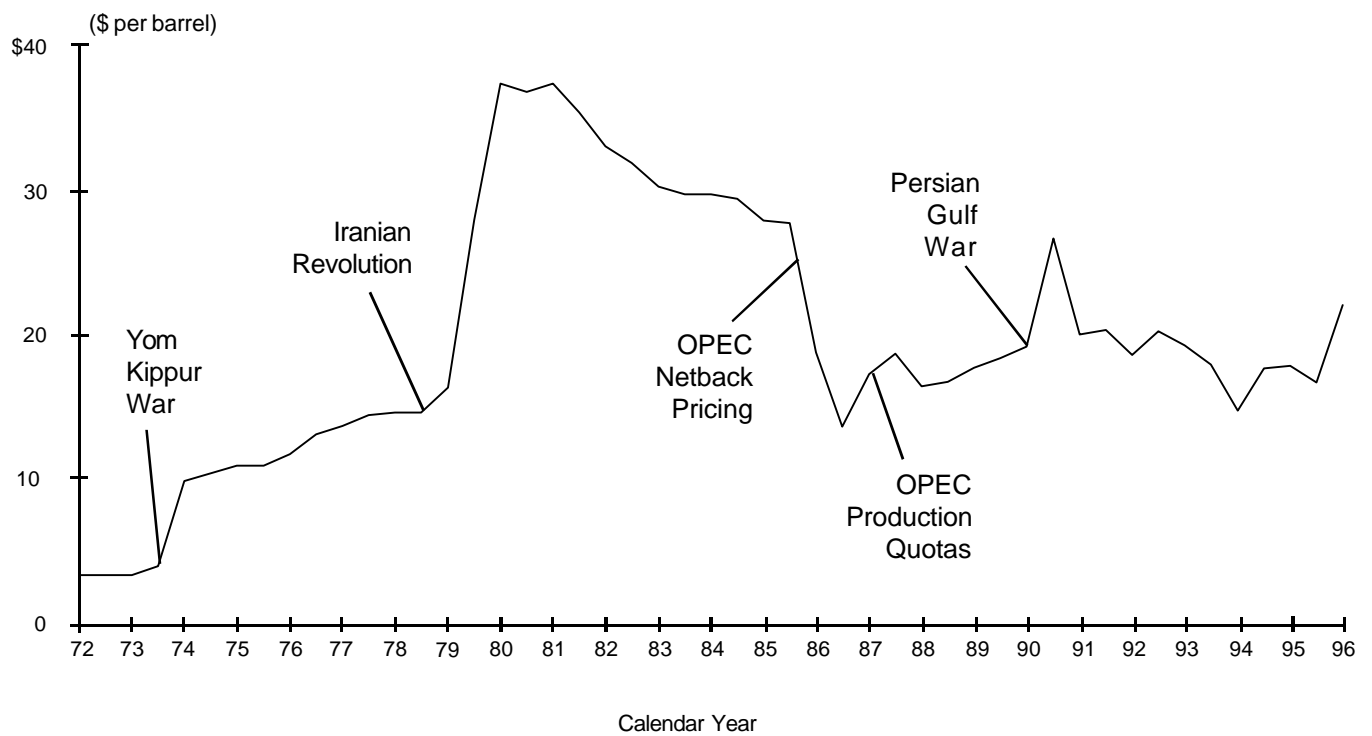
- **Royalties.** A royalty is due when production begins. Royalty payments represent a stated share or percentage of the value of the mineral produced. The royalty may be an established minimum, a step-scale, or a sliding-scale. A step-scale royalty rate increases by steps as the average production on the lease increases. A sliding-scale royalty rate is based on average production and applies to all production from the lease.

### ***Sales Volume and Sales Value***

Sales volume represents the volume of a commodity reported sold during the year. Sales value represents the dollar value of the commodity reported sold during the year. Selected sales volume and sales value figures in this report have been adjusted to resolve distortions that may be created by communitization and unitization agreements, nonstandard leases and agreements, and prior-period adjustments.

### ***Other Minerals***

Minerals referred to in this report as “Other” or as “Other Products” may include the following solid and fluid minerals: amethyst, asphalt, barite, bentonite, carbon dioxide, chat, clay, copper, feldspar, fluor spar, garnet concession, garnet sands, gas lost, gas plant products, geothermal energy, gilsonite, gold, gypsum, helium, hot water, iron ore, langbeinite, lead, leonardite, limestone, magnesium, molybdenum, nitrogen, oil lost, oil shale, phosphate, potash, potassium products, purge liquor, quartz crystals, salt, sand and gravel, scoria, silica sand, silver, soda ash, sodium products, sulfur, sylvite, trona ore, tungsten, uranium, wavellite, and zinc. Gas plant products include gasoline, liquid petroleum gas, propane, butane, and other gas commodities measured in gallons.



**Figure 4. West Texas Intermediate crude oil prices, 1972-96**  
(Source: Oil and Gas Journal Energy Database)

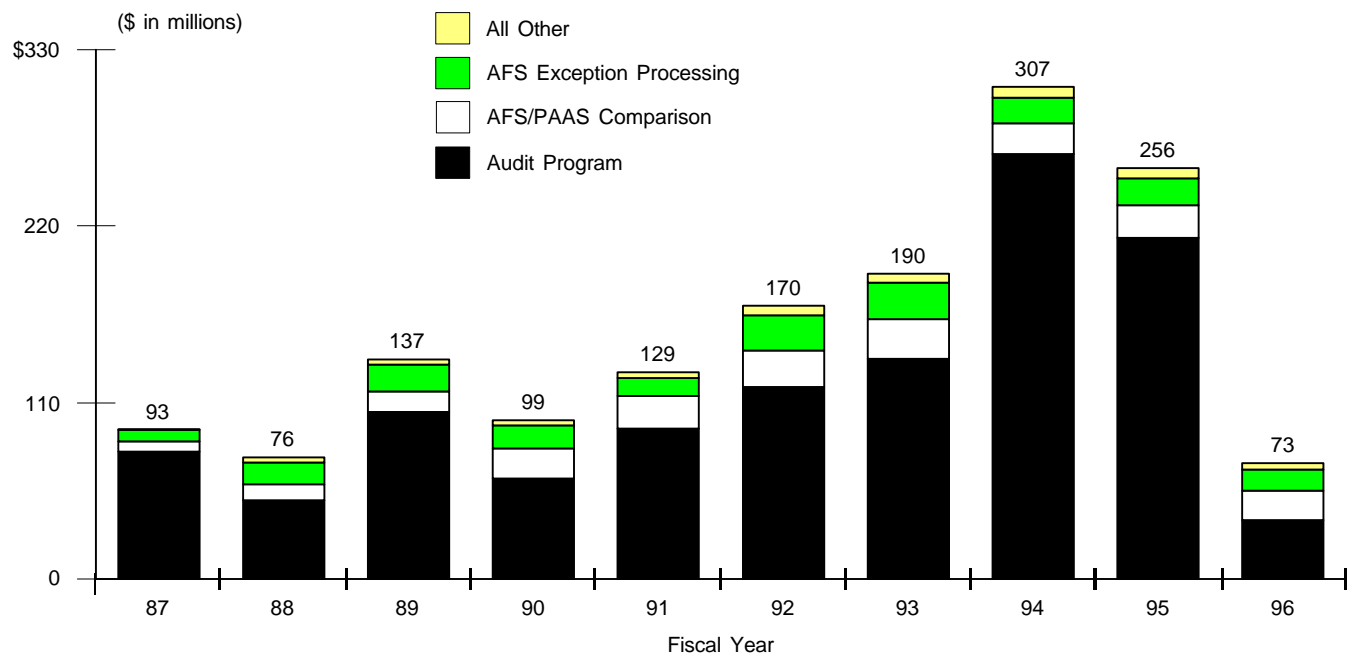
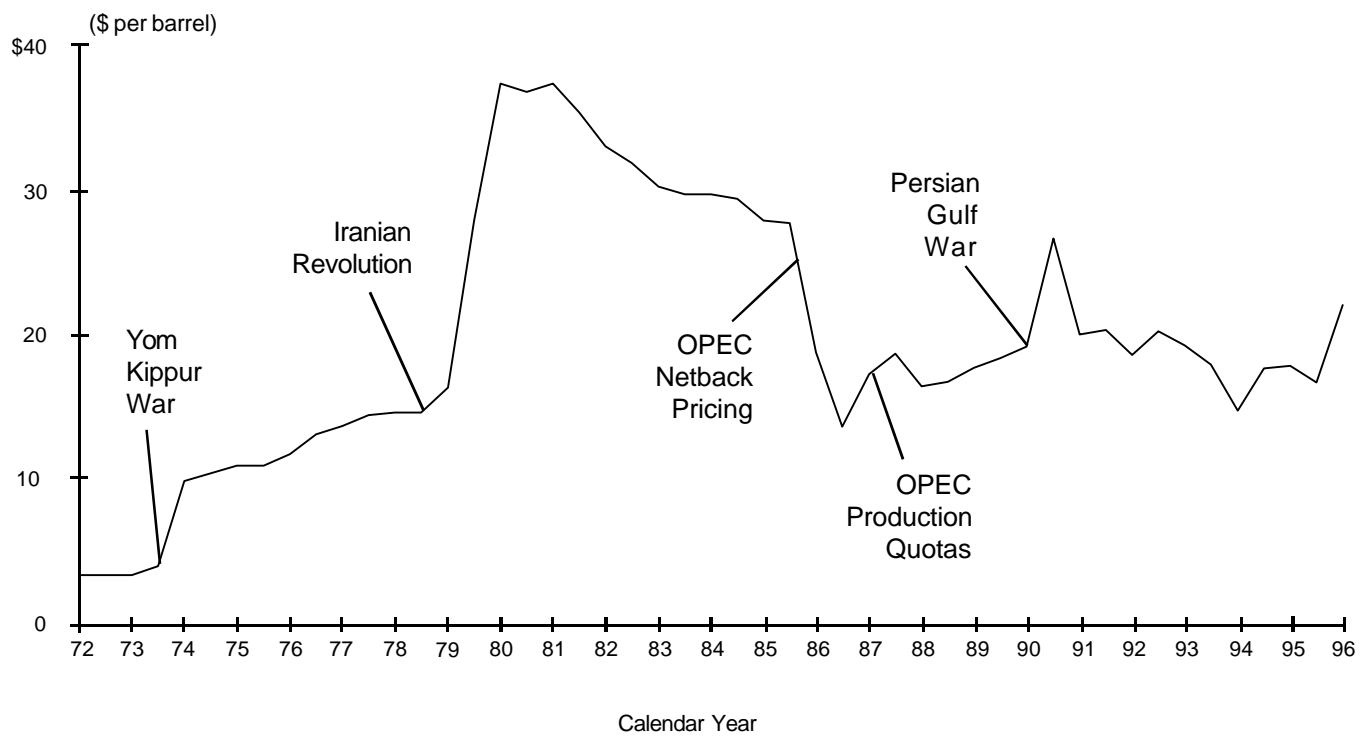


Figure 5. Revenues from RMP underpayment detection programs, FY 1987-96





**Figure 4. West Texas Intermediate crude oil prices, 1972-96**  
(Source: Oil and Gas Journal Energy Database)

**Table 1. Revenues from principal Royalty Management Program underpayment detection programs, Fiscal Years 1982-96**

	Revenues in Thousands of Dollars									Total
	Audit Program	AFS/PAAS Exceptions	AFS Exceptions	Allowance Exceptions	AFS/PAAS Liq. Damages	OCS Recoup.	Indian Recoup.	Improper Adjust.	Royalty Rate Monitor	
1982-86 . . .	\$ 324,221	\$ 9,315	\$ 10,760	\$ ---	\$ ---	\$ ---	\$ ---	\$ ---	\$ ---	\$ 344,296
1987 . . .	79,384	6,415	7,281	---	11	---	---	---	---	93,091
1988 . . .	52,201	10,074	13,494	---	327	---	---	---	---	76,096
1989 . . .	107,416	12,506	16,939	---	114	---	---	---	---	136,975
1990 . . .	65,966	18,529	14,528	---	124	---	---	---	---	99,147
1991 . . .	97,003	20,204	11,251	---	477	---	---	---	---	128,935
1992 . . .	122,670	22,984	21,641	2,210	781	104	104	---	---	170,494
1993 . . .	140,493	24,644	22,559	721	913	708	199	168	---	190,405
1994 . . .	267,787	19,174	15,836	2,179	884	447	186	190	---	306,683
1995 . . .	215,634	20,305	16,844	595	766	752	522	580	106	256,104
1996 . . .	<u>39,728</u>	<u>18,370</u>	<u>13,283</u>	<u>---</u>	<u>4</u>	<u>416</u>	<u>209</u>	<u>542</u>	<u>366</u>	<u>72,918</u>
<b>Total . . .</b>	<b>\$1,512,503</b>	<b>\$182,520</b>	<b>\$164,416</b>	<b>\$5,705</b>	<b>\$4,401</b>	<b>\$2,427</b>	<b>\$1,220</b>	<b>\$1,480</b>	<b>\$472</b>	<b>\$1,875,144</b>

**Preliminary****Table 2. Revenues from Federal and Indian mineral leases in the United States, Calendar Years 1987-96**

	Royalties	Rents	Bonuses	Other Revenues	Total
<b>1987</b>					
Offshore Federal	\$2,351,164,026	\$ 74,642,712	\$ 497,247,006	\$21,399,332	\$2,944,453,076
Onshore Federal	682,411,009	61,449,391	34,752,714	14,377,320	792,990,434
Indian	<u>104,787,583</u>	<u>334,286</u>	<u>---</u>	<u>872,120</u>	<u>105,993,989</u>
<b>Total</b>	<b>\$3,138,362,618</b>	<b>\$136,426,389</b>	<b>\$ 531,999,720</b>	<b>\$36,648,772</b>	<b>\$3,843,437,499</b>
<b>1988</b>					
Offshore Federal	\$2,078,601,613	\$ 62,867,785	\$1,259,548,738	\$16,822,821	\$3,417,840,957
Onshore Federal	649,534,932	64,810,845	59,394,838	11,279,396	785,020,011
Indian	<u>112,282,668</u>	<u>311,940</u>	<u>---</u>	<u>943,663</u>	<u>113,538,271</u>
<b>Total</b>	<b>\$2,840,419,213</b>	<b>\$127,990,570</b>	<b>\$1,318,943,576</b>	<b>\$29,045,880</b>	<b>\$4,316,399,239</b>
<b>1989</b>					
Offshore Federal	\$2,151,389,563	\$ 79,247,653	\$ 645,617,410	\$38,890,914	\$2,915,145,540
Onshore Federal	703,271,378	64,582,840	93,490,354	14,596,315	875,940,887
Indian	<u>122,429,802</u>	<u>240,459</u>	<u>---</u>	<u>1,214,064</u>	<u>123,884,325</u>
<b>Total</b>	<b>\$2,977,090,743</b>	<b>\$144,070,952</b>	<b>\$ 739,107,764</b>	<b>\$54,701,293</b>	<b>\$3,914,970,752</b>
<b>1990</b>					
Offshore Federal	\$2,684,799,523	\$ 79,339,130	\$ 584,301,918	\$19,298,248	\$3,367,738,819
Onshore Federal	906,932,447	62,054,404	63,619,572	3,920,033	1,036,526,456
Indian	<u>151,992,888</u>	<u>213,007</u>	<u>---</u>	<u>225,476</u>	<u>152,431,371</u>
<b>Total</b>	<b>\$3,743,724,858</b>	<b>\$141,606,541</b>	<b>\$ 647,921,490</b>	<b>\$23,443,757</b>	<b>\$4,556,696,646</b>
<b>1991</b>					
Offshore Federal	\$2,355,516,849	\$ 78,115,402	\$ 338,856,549	\$20,677,698	\$2,793,166,498
Onshore Federal	881,093,217	58,196,111	42,288,326	4,609,484	986,187,138
Indian	<u>145,185,355</u>	<u>199,280</u>	<u>---</u>	<u>1,620,636</u>	<u>147,005,271</u>
<b>Total</b>	<b>\$3,381,795,421</b>	<b>\$136,510,793</b>	<b>\$ 381,144,875</b>	<b>\$26,907,818</b>	<b>\$3,926,358,907</b>
<b>1992</b>					
Offshore Federal	\$2,377,178,820	\$ 59,698,811	\$ 84,784,975	\$39,743,046	\$2,561,405,652
Onshore Federal	865,437,216	36,977,532	58,185,736	9,552,915	970,153,399
Indian	<u>156,397,215</u>	<u>161,205</u>	<u>---</u>	<u>1,205,208</u>	<u>157,763,628</u>
<b>Total</b>	<b>\$3,399,013,251</b>	<b>\$ 96,837,548</b>	<b>\$ 142,970,711</b>	<b>\$50,501,169</b>	<b>\$3,689,322,679</b>

**Preliminary****Table 2. Revenues from Federal and Indian mineral leases in the United States, Calendar Years 1987-96 (cont.)**

	Royalties	Rents	Bonuses	Other Revenues	Total
<b>1993</b>					
Offshore Federal	\$ 2,552,932,830	\$ 39,786,688	\$ 126,467,246	\$137,727,059	\$ 2,856,913,823
Onshore Federal	922,173,970	34,667,064	77,106,385	13,227,103	1,047,174,522
Indian	<u>166,371,356</u>	<u>297,825</u>	<u>---</u>	<u>1,562,844</u>	<u>168,232,025</u>
<b>Total</b>	<b>\$ 3,641,478,156</b>	<b>\$ 74,751,577</b>	<b>\$ 203,573,631</b>	<b>\$152,517,006</b>	<b>\$ 4,072,320,370</b>
<b>1994</b>					
Offshore Federal	\$ 2,403,114,323	\$ 39,866,586	\$ 331,367,072	\$140,936,824	\$ 2,915,284,805
Onshore Federal	892,722,601	32,890,789	97,454,815	121,800,924	1,144,869,129
Indian	<u>160,252,886</u>	<u>167,163</u>	<u>---</u>	<u>1,783,461</u>	<u>162,203,510</u>
<b>Total</b>	<b>\$ 3,456,089,810</b>	<b>\$ 72,924,538</b>	<b>\$ 428,821,887</b>	<b>\$264,521,209</b>	<b>\$ 4,222,357,444</b>
<b>1995</b>					
Offshore Federal	\$ 2,206,739,815	\$ 87,323,860	\$ 414,007,620	\$ 15,682,654	\$ 2,723,753,949
Onshore Federal	829,922,509	33,818,519	87,027,906	10,331,443	961,100,377
Indian	<u>146,401,447</u>	<u>525,784</u>	<u>---</u>	<u>(2,108,946)</u>	<u>144,818,285</u>
<b>Total</b>	<b>\$ 3,183,063,771</b>	<b>\$ 121,668,163</b>	<b>\$ 501,035,526</b>	<b>\$ 23,905,151</b>	<b>\$ 3,829,672,611</b>
<b>1996</b>					
Offshore Federal	\$ 3,165,986,607	\$ 158,680,049	\$ 878,165,759	\$ 50,808,932	\$ 4,253,641,347
Onshore Federal	934,570,583	37,581,863	87,568,614	13,834,579	1,073,555,639
Indian	<u>168,181,612</u>	<u>873,888</u>	<u>---</u>	<u>(2,267,434)</u>	<u>166,788,066</u>
<b>Total</b>	<b>\$ 4,268,738,802</b>	<b>\$ 197,135,800</b>	<b>\$ 965,734,373</b>	<b>\$ 62,376,077</b>	<b>\$ 5,493,985,052</b>
<b>1987-96</b>					
Offshore Federal	\$24,327,423,969	\$ 759,568,676	\$5,160,364,293	\$501,987,528	\$30,749,344,466
Onshore Federal	8,268,069,862	487,029,358	700,889,260	217,529,512	9,673,517,992
Indian	<u>1,434,282,812</u>	<u>3,324,837</u>	<u>---</u>	<u>5,051,092</u>	<u>1,442,658,741</u>
<b>Total</b>	<b>\$34,029,776,643</b>	<b>\$1,249,922,871</b>	<b>\$5,861,253,553</b>	<b>\$724,568,132</b>	<b>\$41,865,521,199</b>

NOTE: The column titled "Other Revenues" was formerly titled "Minimum Royalties." The revenues in this column include minimum royalties; however, other revenue sources are also represented, including settlement payments, gas storage fees, estimated payments, and recoupments. The increase in revenues in 1993-94 was due to additional collections from settlements. The decline in revenues in 1995 was due to a lower volume of settlement payments and to a number of recoupments for estimated royalty payments, particularly recoupments of estimated gas royalties. Estimated payments by many payors exceeded royalty obligations when gas prices fell in 1995.

Indian "Rents" in prior editions of this report included many of the revenue sources now listed under "Other Revenues." Indian "Rents" and "Other Revenues" are now listed separately. Indian "Rents" and "Other Revenues" in 1987 represent fiscal year data from Bureau of Indian Affairs (BIA) records. Indian "Rents" and "Other Revenues" during the period 1988-96 represent calendar year data from Minerals Management Service (MMS) records for producing leases.

Federal onshore bonus revenues in 1987 represent fiscal year data from "Public Land Statistics", Bureau of Land Management. Federal onshore bonus revenues during the period 1988-96 represent calendar year data from MMS records. Indian bonus revenues are collected by BIA.

**Preliminary****Table 6. Calendar Year 1996 sales volume, sales value, and royalties for selected minerals from OCS mineral leases**

	Sales Volume	Sales Value	Royalties
<b><i>Fluid Minerals</i></b>			
Gas .....	5,024,420,807	\$11,767,527,942	\$1,865,740,523
Gas Lost .....	95,131	206,478	26,878
Gas Plant Products .....	1,605,235,314	553,517,432	69,149,209
Oil .....	438,003,670	8,009,042,336	1,219,671,224
Sulfur .....	31,440	<u>1,093,894</u>	<u>50,513</u>
<b>Total .....</b>		<b>\$20,331,388,082</b>	<b>\$3,154,638,347</b>
<b><i>Solid Minerals</i></b>			
Sulfur .....	1,927,255	\$ 111,898,666	\$ 11,348,260

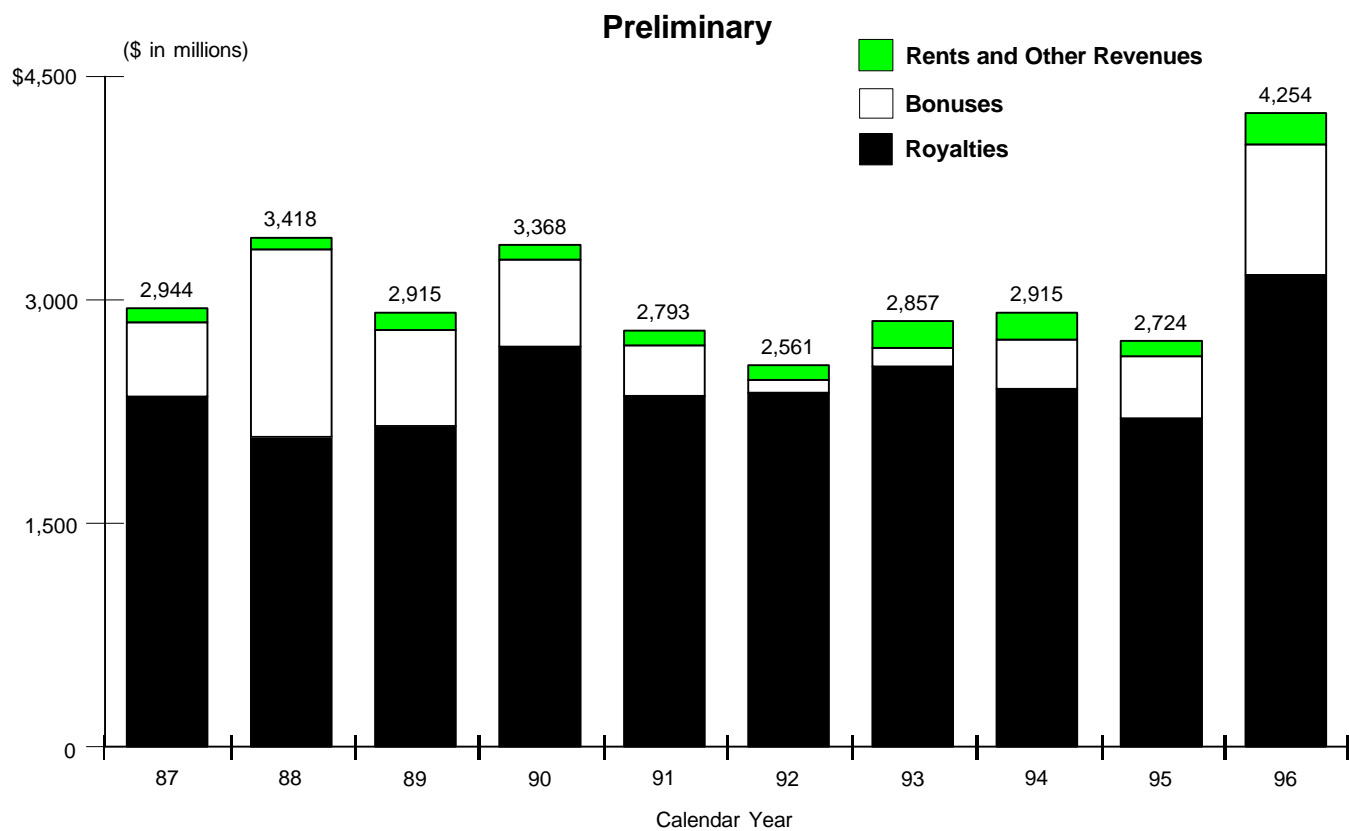


Figure 12. Revenues from OCS leases by source, 1987-96

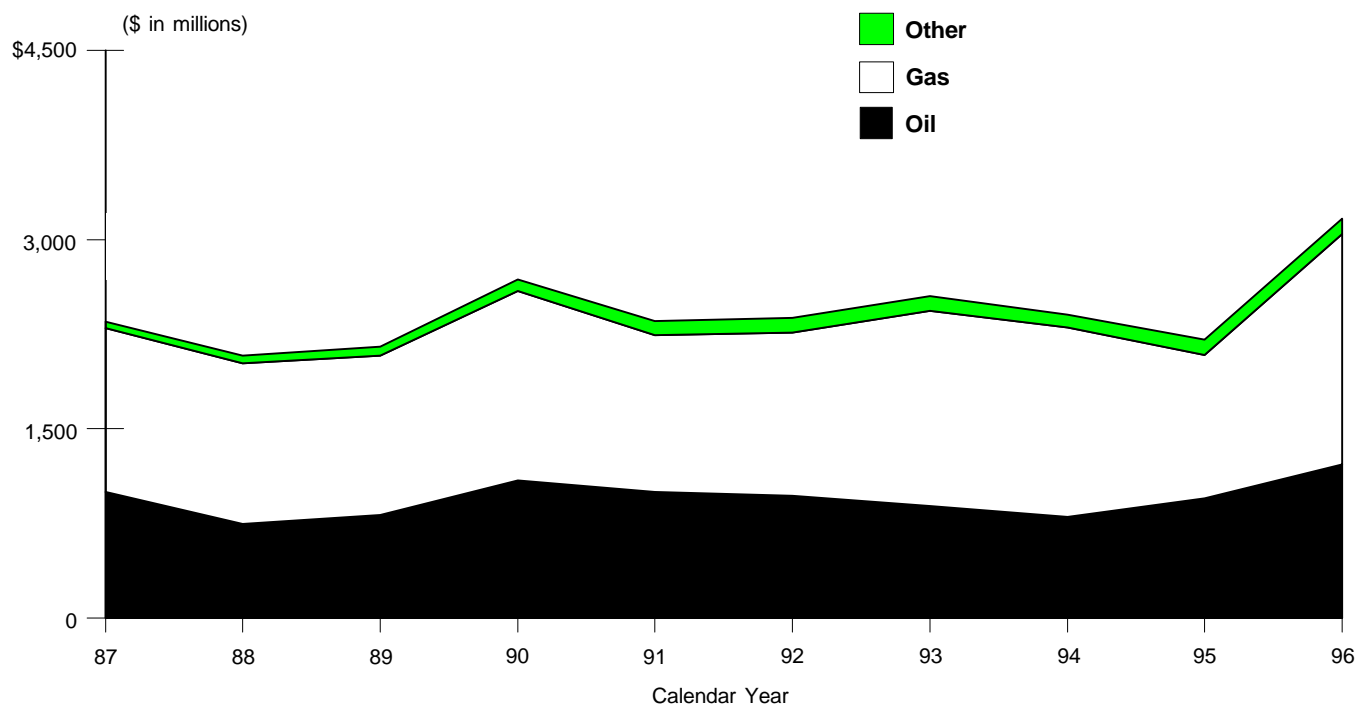


Figure 13. Royalties from OCS leases by commodity, 1987-96

**Preliminary****Table 12. Calendar Year 1996 summary of sales volume, sales value, and royalties by commodity from OCS mineral leases**

	Sales Volume	Sales Value	Royalties
Gas .....	5,024,420,807	\$11,767,527,942	\$1,865,740,523
Gas Lost .....	95,131	206,478	26,878
Gas Plant Products .....	1,605,235,314	553,517,432	69,149,209
Oil .....	438,003,670	8,009,042,336	1,219,671,224
Oil Lost .....	---	---	---
Salt .....	---	---	---
Sulfur .....	1,958,695	<u>112,992,560</u>	<u>11,398,773</u>
<b>Total .....</b>		<b>\$20,443,286,748</b>	<b>\$3,165,986,607</b>

**Table 13. Summary of sales volume, sales value, and royalties by commodity from OCS mineral leases, Calendar Years 1953-96**

	Sales Volume	Sales Value	Royalties
Gas .....	120,852,934,408	\$184,628,460,859	\$30,074,219,982
Gas Lost .....	118,366,398	90,025,219	14,038,767
Gas Plant Products .....	30,112,402,858	6,188,703,619	728,238,033
Oil .....	11,092,628,063	151,534,070,530	24,350,775,093
Oil Lost .....	88,499	822,824	136,094
Salt .....	5,915,959	1,422,193	175,512
Sulfur .....	26,511,778	<u>1,142,500,444</u>	<u>102,750,842</u>
<b>Total .....</b>		<b>\$343,586,005,688</b>	<b>\$55,270,334,323</b>

**Preliminary****Table 14. Calendar Year 1996 sales volume, sales value, and royalties by area and commodity from OCS mineral leases**

	Sales Volume	Sales Value	Royalties
<b>Offshore Alabama</b>			
Gas .....	112,048,651	\$ 273,898,942	\$ 44,278,290
Gas Plant Products .....	408,886	130,843	10,860
Oil .....	19,306	133,345	19,507
Sulfur .....	27,181	1,059,986	49,378
Subtotal .....		\$ 275,223,116	\$ 44,358,035
<b>Offshore California</b>			
Gas .....	37,822,941	\$ 68,841,548	\$ 10,303,944
Gas Lost .....	---	---	---
Gas Plant Products .....	24,688,917	8,008,916	304,071
Oil .....	67,804,200	861,967,087	135,657,660
Sulfur .....	4,259	33,908	1,135
Subtotal .....		\$ 938,851,459	\$ 146,266,810
<b>Offshore Gulf of Mexico</b>			
Gas .....	---	\$ ---	\$ ---
Gas Lost .....	---	---	---
Gas Plant Products .....	---	---	---
Oil .....	---	---	---
Oil Lost .....	---	---	---
Subtotal .....		\$ ---	\$ ---
<b>Offshore Louisiana</b>			
Gas .....	3,898,234,094	\$ 9,252,276,099	\$1,455,013,568
Gas Lost .....	95,131	206,478	26,878
Gas Plant Products .....	1,467,152,315	512,036,744	64,360,438
Oil .....	349,101,048	6,734,245,593	1,019,010,372
Oil Lost .....	---	---	---
Salt .....	---	---	---
Sulfur .....	1,927,255	111,898,666	11,348,260
Subtotal .....		\$16,610,663,580	\$2,549,759,516
<b>Offshore Mississippi</b>			
Gas .....	3,441,362	\$ 8,610,789	\$ 1,419,531
Oil .....	453	7,094	1,182
Subtotal .....		\$ 8,617,883	\$ 1,420,713

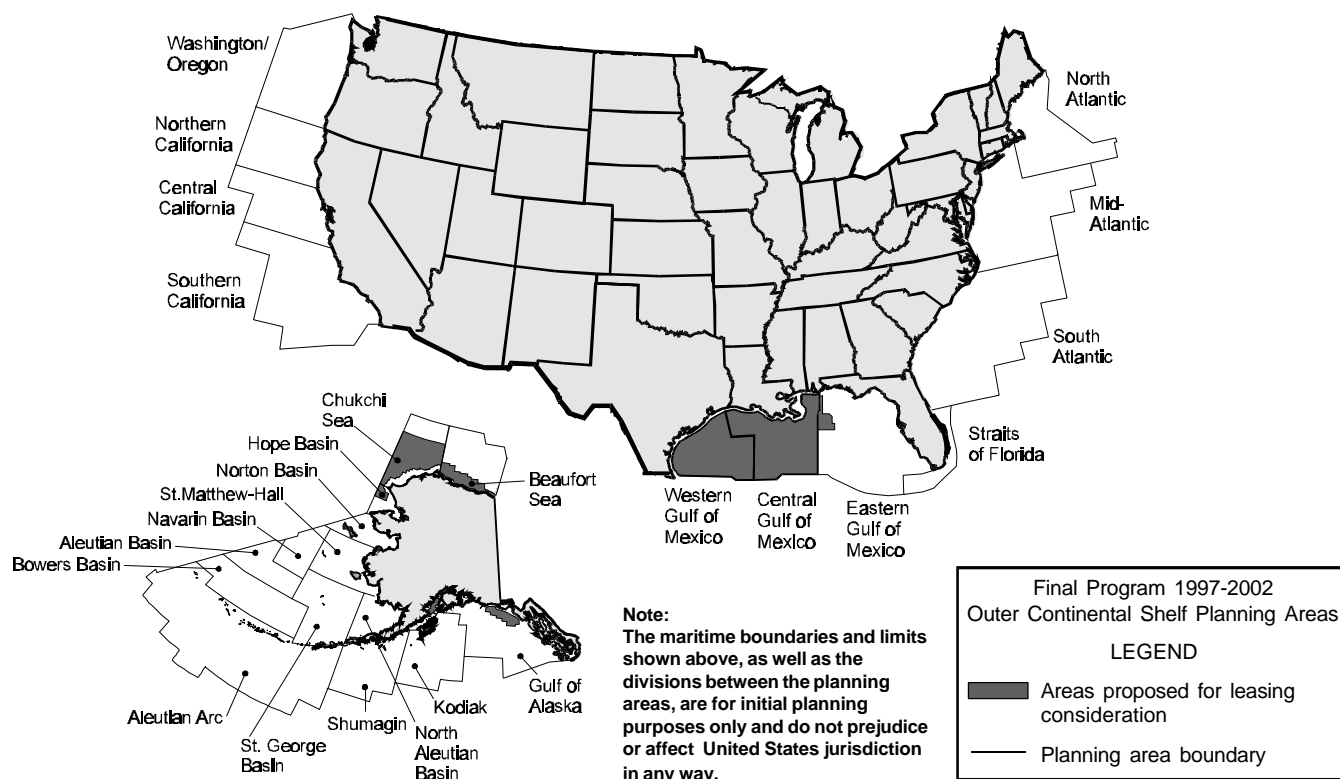


## Preliminary

**Table 14. Calendar Year 1996 sales volume, sales value, and royalties by area and commodity from OCS mineral leases (cont.)**

	Sales Volume	Sales Value	Royalties
<b>Offshore Texas</b>			
Gas .....	972,873,759	\$ 2,163,900,564	\$ 354,725,190
Gas Lost .....	---	---	---
Gas Plant Products .....	112,985,196	33,340,929	4,473,840
Oil .....	21,078,663	412,689,217	64,982,503
Oil Lost .....	---	---	---
Subtotal.....		\$ 2,609,930,710	\$ 424,181,533
 <b>Total .....</b>		 <b>\$20,443,286,748</b>	 <b>\$3,165,986,607</b>

NOTE: Boundaries for offshore State areas have not been legally defined beyond the area identified in section 8(g) of the Outer Continental Shelf Lands Act Amendments of 1985, Public Law 99-272. Beginning in 1996, revenues from new offshore leases issued in the Gulf of Mexico beyond the section 8(g) boundaries will be listed in this report under "Gulf of Mexico." Revenues from leases issued within each State's 8(g) zone and leases previously identified with a particular State will continue to be listed under that State.

**Fig. 17. Map of OCS regions in current OCS oil and gas leasing program.**

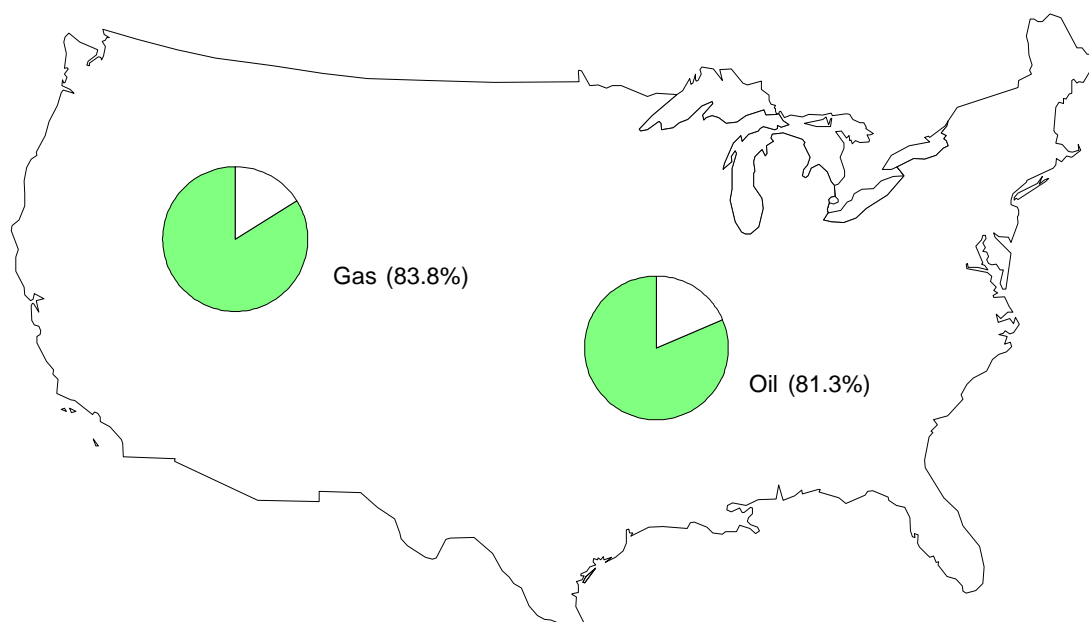
**Preliminary****Table 15. Summary of sales volume, sales value, and royalties by area and commodity from OCS mineral leases, Calendar Years 1953-96**

	Sales Volume	Sales Value	Royalties
<b>Offshore Alabama</b>			
Gas .....	466,881,288	\$ 945,674,417	\$ 151,569,503
Gas Plant Products .....	1,188,518	322,306	24,869
Oil .....	89,345	935,121	142,855
Sulfur .....	49,772	1,805,596	121,324
Subtotal .....		\$ 948,737,440	\$ 151,858,551
<b>Offshore California</b>			
Gas .....	624,977,829	\$ 1,469,537,456	\$ 245,149,492
Gas Lost .....	80,705	266,417	67,125
Gas Plant Products .....	147,764,371	46,861,421	1,992,739
Oil .....	818,265,114	9,562,505,450	1,697,346,745
Sulfur .....	21,707	95,554	4,783
Subtotal .....		\$ 11,079,266,298	\$ 1,944,560,884
<b>Offshore Gulf of Mexico</b>			
Gas .....	---	\$ ---	\$ ---
Gas Lost .....	---	---	---
Gas Plant Products .....	---	---	---
Oil .....	---	---	---
Oil Lost .....	---	---	---
Subtotal .....		\$ ---	\$ ---
<b>Offshore Louisiana</b>			
Gas .....	100,555,293,404	\$143,635,662,685	\$23,190,877,366
Gas Lost .....	115,664,627	85,802,841	13,312,869
Gas Plant Products .....	28,583,224,224	5,830,427,037	685,973,090
Oil .....	9,895,440,724	134,322,906,379	21,441,364,006
Oil Lost .....	83,969	758,487	125,398
Salt .....	5,915,959	1,422,193	175,512
Sulfur .....	26,440,299	1,140,599,294	102,624,735
Subtotal .....		\$285,017,578,916	\$45,434,452,976
<b>Offshore Mississippi</b>			
Gas .....	12,435,174	\$ 26,203,688	\$ 4,142,238
Oil .....	453	7,094	1,182
Subtotal .....		\$ 26,210,782	\$ 4,143,420

**Preliminary****Table 15. Summary of sales volume, sales value, and royalties by area and commodity from OCS mineral leases, Calendar Years 1953-96 (cont.)**

	Sales Volume	Sales Value	Royalties
<b>Offshore Texas</b>			
Gas .....	19,193,346,713	\$ 38,551,382,613	\$ 6,482,481,383
Gas Lost .....	2,621,066	3,955,961	658,773
Gas Plant Products .....	1,380,225,745	311,092,855	40,247,335
Oil .....	378,832,427	7,647,716,486	1,211,920,305
Oil Lost .....	4,530	64,337	10,696
Subtotal .....		\$ 46,514,212,252	\$ 7,735,318,492
<b>Total .....</b>		<b>\$343,586,005,688</b>	<b>\$55,270,334,323</b>

NOTE: Boundaries for offshore State areas have not been legally defined beyond the area identified in section 8(g) of the Outer Continental Shelf Lands Act Amendments of 1985, Public Law 99-272. Beginning in 1996, revenues from new offshore leases issued in the Gulf of Mexico beyond the section 8(g) boundaries will be listed in this report under "Gulf of Mexico." Revenues from leases issued within each State's 8(g) zone and leases previously identified with a particular State will continue to be listed under that State.

**Figure 18. Federal offshore royalties as a percentage of total Federal and Indian royalties from oil and gas, Calendar Year 1996**

**Preliminary****Table 16. Summary of sales volume, sales value, and royalties by area and year from OCS mineral leases, Calendar Years 1953-96**

<b>Offshore Alabama</b>	<b>Sales Volume</b>	<b>Sales Value</b>	<b>Royalties</b>
<b>Gas</b>			
1953-91 .....	---	\$ ---	\$ ---
1992 .....	67,280,071	121,995,233	18,743,011
1993 .....	76,561,233	167,413,886	27,791,761
1994 .....	102,295,379	207,700,582	33,287,070
1995 .....	108,695,954	174,665,774	27,469,371
1996 .....	<u>112,048,651</u>	<u>273,898,942</u>	<u>44,278,290</u>
<b>Total .....</b>	<b>466,881,288</b>	<b>\$945,674,417</b>	<b>\$151,569,503</b>
<b>Oil</b>			
1953-91 .....	---	\$ ---	\$ ---
1992 .....	3,209	58,687	9,742
1993 .....	2,630	44,002	3,837
1994 .....	46,112	569,020	90,730
1995 .....	18,088	130,067	19,039
1996 .....	<u>19,306</u>	<u>133,345</u>	<u>19,507</u>
<b>Total .....</b>	<b>89,345</b>	<b>\$ 935,121</b>	<b>\$ 142,855</b>
<b>Other</b>			
1953-91 .....	N/A	\$ ---	\$ ---
1992 .....	N/A	9,464	1,116
1993 .....	N/A	9,407	533
1994 .....	N/A	164,593	13,747
1995 .....	N/A	753,609	70,559
1996 .....	N/A	<u>1,190,829</u>	<u>60,238</u>
<b>Total .....</b>	<b>N/A</b>	<b>\$ 2,127,902</b>	<b>\$ 146,193</b>

**Preliminary****Table 16. Summary of sales volume, sales value, and royalties by area and year from OCS mineral leases, Calendar Years 1953-96 (cont.)**

<b>Offshore California</b>	<b>Sales Volume</b>	<b>Sales Value</b>	<b>Royalties</b>
<b>Gas</b>			
1953-86 .....	242,804,524	\$ 504,897,819	\$ 93,627,474
1987 .....	40,986,158	111,589,318	18,085,583
1988 .....	34,570,638	92,648,015	15,086,166
1989 .....	28,574,912	77,322,251	12,920,381
1990 .....	38,531,764	107,345,547	17,822,908
1991 .....	40,626,577	116,722,285	19,536,916
1992 .....	40,873,660	111,075,007	18,325,587
1993 .....	42,082,090	116,076,588	16,859,977
1994 .....	41,679,064	100,051,242	13,375,225
1995 .....	36,425,501	62,967,836	9,205,331
1996 .....	<u>37,822,941</u>	<u>68,841,548</u>	<u>10,303,944</u>
<b>Total .....</b>	<b>624,977,829</b>	<b>\$1,469,537,456</b>	<b>\$ 245,149,492</b>
<b>Oil</b>			
1953-86 .....	368,973,291	\$4,368,516,898	\$ 865,063,373
1987 .....	33,556,686	423,213,631	75,690,692
1988 .....	32,615,118	322,221,171	53,723,584
1989 .....	33,072,161	401,679,836	69,618,869
1990 .....	33,312,719	540,919,648	94,552,896
1991 .....	29,146,090	359,942,223	64,141,789
1992 .....	41,222,801	475,004,760	71,952,589
1993 .....	50,078,144	500,723,181	70,532,436
1994 .....	57,229,464	530,007,444	78,969,744
1995 .....	71,254,440	778,309,571	117,443,113
1996 .....	<u>67,804,200</u>	<u>861,967,087</u>	<u>135,657,660</u>
<b>Total .....</b>	<b>818,265,114</b>	<b>\$9,562,505,450</b>	<b>\$1,697,346,745</b>
<b>Other</b>			
1953-86 .....	N/A	\$ 1,282,598	\$ 159,013
1987 .....	N/A	---	---
1988 .....	N/A	108,824	9,447
1989 .....	N/A	679,216	48,216
1990 .....	N/A	1,211,010	103,490
1991 .....	N/A	2,319,136	187,910
1992 .....	N/A	1,351,882	76,360
1993 .....	N/A	8,126,456	202,481
1994 .....	N/A	10,198,793	368,423
1995 .....	N/A	13,902,653	604,101
1996 .....	N/A	<u>8,042,824</u>	<u>305,206</u>
<b>Total .....</b>	<b>N/A</b>	<b>\$ 47,223,392</b>	<b>\$ 2,064,647</b>

**Preliminary****Table 16. Summary of sales volume, sales value, and royalties by area and year from OCS mineral leases, Calendar Years 1953-96 (cont.)**

<b>Offshore Gulf of Mexico</b>	Sales Volume	Sales Value	Royalties
<b>Gas</b>			
1953-93 .....	---	\$ ---	\$ ---
1994 .....	---	---	---
1995 .....	---	---	---
1996 .....	---	---	---
<b>Total</b> .....	---	\$ ---	\$ ---
<b>Oil</b>			
1953-93 .....	---	\$ ---	\$ ---
1994 .....	---	---	---
1995 .....	---	---	---
1996 .....	---	---	---
<b>Total</b> .....	---	\$ ---	\$ ---
<b>Other</b>			
1953-93 .....	N/A	\$ ---	\$ ---
1994 .....	N/A	---	---
1995 .....	N/A	---	---
1996 .....	N/A	---	---
<b>Total</b> .....	N/A	\$ ---	\$ ---

**Preliminary****Table 16. Summary of sales volume, sales value, and royalties by area and year from OCS mineral leases, Calendar Years 1953-96 (cont.)**

<b>Offshore Louisiana</b>	<b>Sales Volume</b>	<b>Sales Value</b>	<b>Royalties</b>
<b>Gas</b>			
1953-86 .....	66,523,816,921	\$ 78,056,709,070	\$12,722,501,671
1987 .....	3,180,107,195	5,775,180,843	935,053,158
1988 .....	3,096,881,628	5,705,494,358	919,994,644
1989 .....	3,006,576,061	5,590,014,727	912,525,885
1990 .....	3,706,324,044	6,914,198,999	1,116,561,923
1991 .....	3,289,968,602	5,811,082,617	938,334,655
1992 .....	3,338,101,447	5,903,755,520	952,478,988
1993 .....	3,386,808,653	7,391,111,524	1,176,770,756
1994 .....	3,492,406,762	7,392,495,136	1,156,632,134
1995 .....	3,636,067,997	5,843,343,792	905,009,984
1996 .....	<u>3,898,234,094</u>	<u>9,252,276,099</u>	<u>1,455,013,568</u>
<b>Total .....</b>	<b>100,555,293,404</b>	<b>\$143,635,662,685</b>	<b>\$23,190,877,366</b>
<b>Oil</b>			
1953-86 .....	7,007,231,977	\$ 82,248,749,672	\$13,449,655,802
1987 .....	307,950,881	5,489,216,879	855,192,774
1988 .....	261,936,530	4,086,676,490	632,688,293
1989 .....	246,207,653	4,389,950,817	677,807,033
1990 .....	264,670,535	5,853,558,285	905,427,960
1991 .....	262,647,733	5,458,022,367	853,869,905
1992 .....	288,918,208	5,405,365,602	825,715,275
1993 .....	293,443,881	5,039,146,117	761,923,302
1994 .....	293,077,191	4,392,199,355	676,173,705
1995 .....	320,255,087	5,225,775,202	783,899,585
1996 .....	<u>349,101,048</u>	<u>6,734,245,593</u>	<u>1,019,010,372</u>
<b>Total .....</b>	<b>9,895,440,724</b>	<b>\$134,322,906,379</b>	<b>\$21,441,364,006</b>
<b>Other</b>			
1953-86 .....	N/A	\$ 2,553,397,721	\$ 271,671,175
1987 .....	N/A	88,715,367	12,962,808
1988 .....	N/A	157,306,523	19,316,494
1989 .....	N/A	243,639,283	30,762,803
1990 .....	N/A	451,993,493	51,105,420
1991 .....	N/A	600,250,114	67,188,354
1992 .....	N/A	621,007,036	70,404,894
1993 .....	N/A	579,095,327	70,950,595
1994 .....	N/A	489,680,521	56,147,263
1995 .....	N/A	649,782,579	75,966,222
1996 .....	N/A	<u>624,141,888</u>	<u>75,735,576</u>
<b>Total .....</b>	<b>N/A</b>	<b>\$ 7,059,009,852</b>	<b>\$ 802,211,604</b>

**Preliminary****Table 16. Summary of sales volume, sales value, and royalties by area and year from OCS mineral leases, Calendar Years 1953-96 (cont.)**

<i><b>Offshore Mississippi</b></i>	Sales Volume	Sales Value	Royalties
<b>Gas</b>			
1953-93 .....	---	\$ ---	\$ ---
1994 .....	6,432,489	13,520,396	2,042,599
1995 .....	2,561,323	4,072,503	680,108
1996 .....	<u>3,441,362</u>	<u>8,610,789</u>	<u>1,419,531</u>
<b>Total</b> .....	<b>12,435,174</b>	<b>\$26,203,688</b>	<b>\$4,142,238</b>
<b>Oil</b>			
1953-93 .....	---	\$ ---	\$ ---
1994 .....	---	---	---
1995 .....	---	---	---
1996 .....	<u>453</u>	<u>7,094</u>	<u>1,182</u>
<b>Total</b> .....	<b>453</b>	<b>\$ 7,094</b>	<b>\$ 1,182</b>
<b>Other</b>			
1953-93 .....	N/A	\$ ---	\$ ---
1994 .....	N/A	---	---
1995 .....	N/A	---	---
1996 .....	<u>N/A</u>	<u>---</u>	<u>---</u>
<b>Total</b> .....	<b>N/A</b>	<b>\$ ---</b>	<b>\$ ---</b>



**Preliminary****Table 16. Summary of sales volume, sales value, and royalties by area and year from OCS mineral leases, Calendar Years 1953-96 (cont.)**

<b>Offshore Texas</b>	<b>Sales Volume</b>	<b>Sales Value</b>	<b>Royalties</b>
<b>Gas</b>			
1953-86 .....	7,949,385,761	\$17,714,218,610	\$2,969,373,001
1987 .....	1,204,488,337	2,247,918,432	384,622,693
1988 .....	1,178,422,561	2,147,898,236	375,221,062
1989 .....	1,165,112,953	2,171,092,310	374,747,729
1990 .....	1,348,075,361	2,436,768,679	404,979,925
1991 .....	1,184,936,494	1,962,252,569	329,019,995
1992 .....	1,239,389,547	2,028,031,701	344,239,137
1993 .....	1,027,937,755	2,218,833,205	370,415,509
1994 .....	1,014,204,135	2,038,747,553	339,659,717
1995 .....	908,520,050	1,421,720,754	235,477,425
1996 .....	972,873,759	2,163,900,564	354,725,190
<b>Total .....</b>	<b>19,193,346,713</b>	<b>\$38,551,382,613</b>	<b>\$6,482,481,383</b>
<b>Oil</b>			
1953-86 .....	151,574,446	\$ 3,499,416,522	\$ 563,616,830
1987 .....	24,634,142	432,622,928	68,390,025
1988 .....	26,115,776	406,007,277	61,042,482
1989 .....	25,887,841	463,927,147	71,165,593
1990 .....	26,439,927	586,059,755	90,972,456
1991 .....	23,899,428	500,408,109	78,554,391
1992 .....	23,582,162	439,238,026	70,375,096
1993 .....	19,151,111	334,497,433	52,546,098
1994 .....	19,121,540	279,327,650	44,004,316
1995 .....	17,347,391	293,522,422	46,270,515
1996 .....	21,078,663	412,689,217	64,982,503
<b>Total .....</b>	<b>378,832,427</b>	<b>\$ 7,647,716,486</b>	<b>\$1,211,920,305</b>
<b>Other</b>			
1953-86 .....	N/A	\$ 58,658,113	\$ 7,242,015
1987 .....	N/A	7,177,760	1,166,293
1988 .....	N/A	11,151,041	1,519,441
1989 .....	N/A	14,377,118	1,793,054
1990 .....	N/A	24,287,594	3,272,545
1991 .....	N/A	35,275,907	4,682,934
1992 .....	N/A	37,499,542	4,857,025
1993 .....	N/A	37,167,899	4,935,545
1994 .....	N/A	18,929,040	2,349,650
1995 .....	N/A	37,248,210	4,624,462
1996 .....	N/A	33,340,929	4,473,840
<b>Total .....</b>	<b>N/A</b>	<b>\$ 315,113,153</b>	<b>\$ 40,916,804</b>

## Preliminary

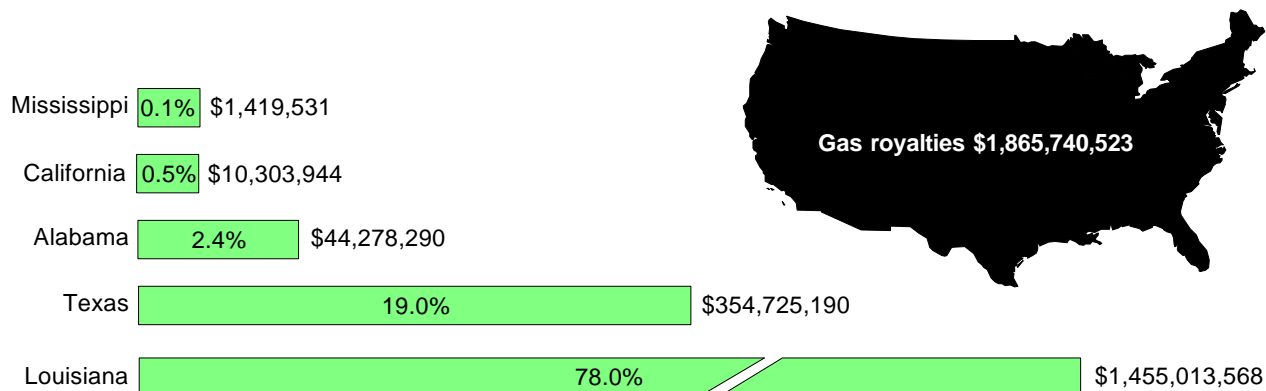


Figure 19. OCS gas royalties by State, Calendar Year 1996

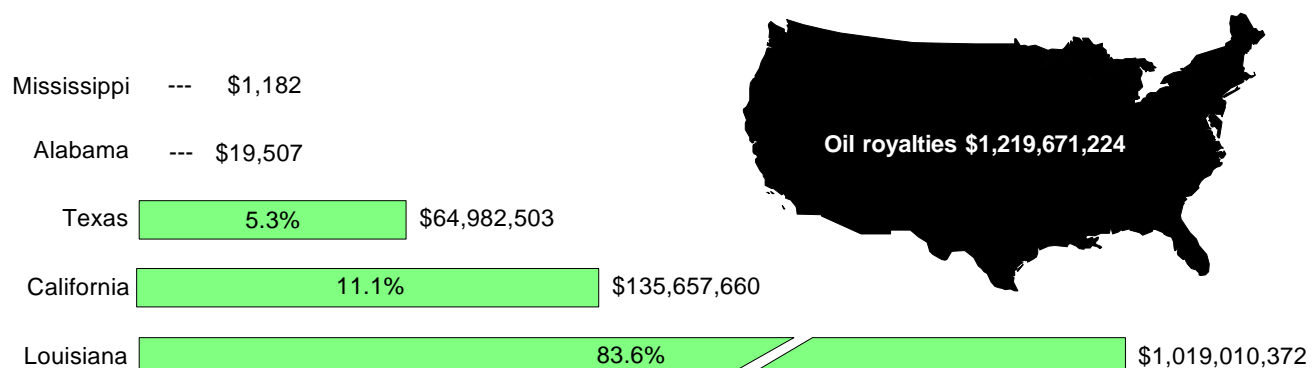


Figure 20. OCS oil royalties by State, Calendar Year 1996

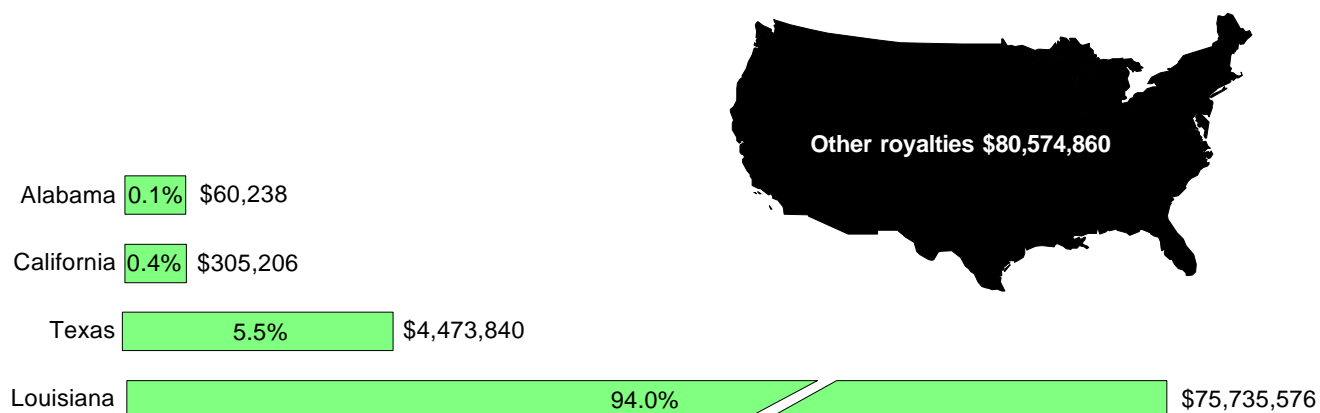


Figure 21. OCS other royalties by State, Calendar Year 1996

**Preliminary****Table 17. Summary of sales volume, sales value, and royalties by commodity and year from OCS mineral leases, Calendar Years 1953-96**

<b>Offshore Totals</b>	<b>Sales Volume</b>	<b>Sales Value</b>	<b>Royalties</b>
<b>Gas</b>			
1953-86 .....	74,716,007,206	\$ 96,275,825,499	\$15,785,502,146
1987 .....	4,425,581,690	8,134,688,593	1,337,761,434
1988 .....	4,309,874,827	7,946,040,609	1,310,301,872
1989 .....	4,200,263,926	7,838,429,288	1,300,193,995
1990 .....	5,092,931,169	9,458,313,225	1,539,364,756
1991 .....	4,515,531,673	7,890,057,471	1,286,891,566
1992 .....	4,685,644,725	8,164,857,461	1,333,786,723
1993 .....	4,533,389,731	9,893,435,203	1,591,838,003
1994 .....	4,657,017,829	9,752,514,909	1,544,996,745
1995 .....	4,692,270,825	7,506,770,659	1,177,842,219
1996 .....	<u>5,024,420,807</u>	<u>11,767,527,942</u>	<u>1,865,740,523</u>
<b>Total .....</b>	<b>120,852,934,408</b>	<b>\$184,628,460,859</b>	<b>\$30,074,219,982</b>
<b>Oil</b>			
1953-86 .....	7,527,779,714	\$ 90,116,683,092	\$14,878,336,005
1987 .....	366,141,709	6,345,053,438	999,273,491
1988 .....	320,667,424	4,814,904,938	747,454,359
1989 .....	305,167,655	5,255,557,800	818,591,495
1990 .....	324,423,181	6,980,537,688	1,090,953,312
1991 .....	315,693,251	6,318,372,699	996,566,085
1992 .....	353,726,380	6,319,667,075	968,052,702
1993 .....	362,675,766	5,874,410,733	885,005,673
1994 .....	369,474,307	5,202,103,469	799,238,495
1995 .....	408,875,006	6,297,737,262	947,632,252
1996 .....	<u>438,003,670</u>	<u>8,009,042,336</u>	<u>1,219,671,224</u>
<b>Total .....</b>	<b>11,092,628,063</b>	<b>\$151,534,070,530</b>	<b>\$24,350,775,093</b>
<b>Other</b>			
1953-86 .....	N/A	\$ 2,613,338,432	\$ 279,072,203
1987 .....	N/A	95,893,127	14,129,101
1988 .....	N/A	168,566,388	20,845,382
1989 .....	N/A	258,695,617	32,604,073
1990 .....	N/A	477,492,097	54,481,455
1991 .....	N/A	637,845,157	72,059,198
1992 .....	N/A	659,867,924	75,339,395
1993 .....	N/A	624,399,089	76,089,154
1994 .....	N/A	518,972,947	58,879,083
1995 .....	N/A	701,687,051	81,265,344
1996 .....	N/A	<u>666,716,470</u>	<u>80,574,860</u>
<b>Total .....</b>	<b>N/A</b>	<b>\$ 7,423,474,299</b>	<b>\$ 845,339,248</b>

**Preliminary****Table 18. Summary of rents by area from OCS leases, Calendar Years 1953-96**

	1953-86	1987	1988	1989	1990	1991
Alabama	\$ 2,559,192	\$ 548,601	\$ 130,884	\$ 160,020	\$ 155,469	\$ 141,522
Alaska	42,972,014	7,677,314	16,915,379	18,708,334	15,255,133	15,243,423
Atlantic States	34,196,821	1,757,182	1,308,672	1,161,216	1,179,648	(676,985)
California	31,301,986	1,848,659	1,130,759	1,104,568	901,733	640,071
Florida	10,249,057	---	1,972,047	(14,825)	88,527	110,191
Gulf of Mexico	---	---	---	---	---	---
Louisiana	269,162,895	52,115,828	35,752,757	48,498,402	55,568,777	59,126,732
Mississippi	988,789	138,240	17,280	51,840	69,120	51,840
Oregon	3,759,021	---	---	---	---	---
Texas	88,906,933	10,556,888	5,640,007	9,578,098	6,120,723	3,478,608
Washington	<u>1,399,080</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
<b>Total</b>	<b>\$485,495,788</b>	<b>\$74,642,712</b>	<b>\$62,867,785</b>	<b>\$79,247,653</b>	<b>\$79,339,130</b>	<b>\$78,115,402</b>

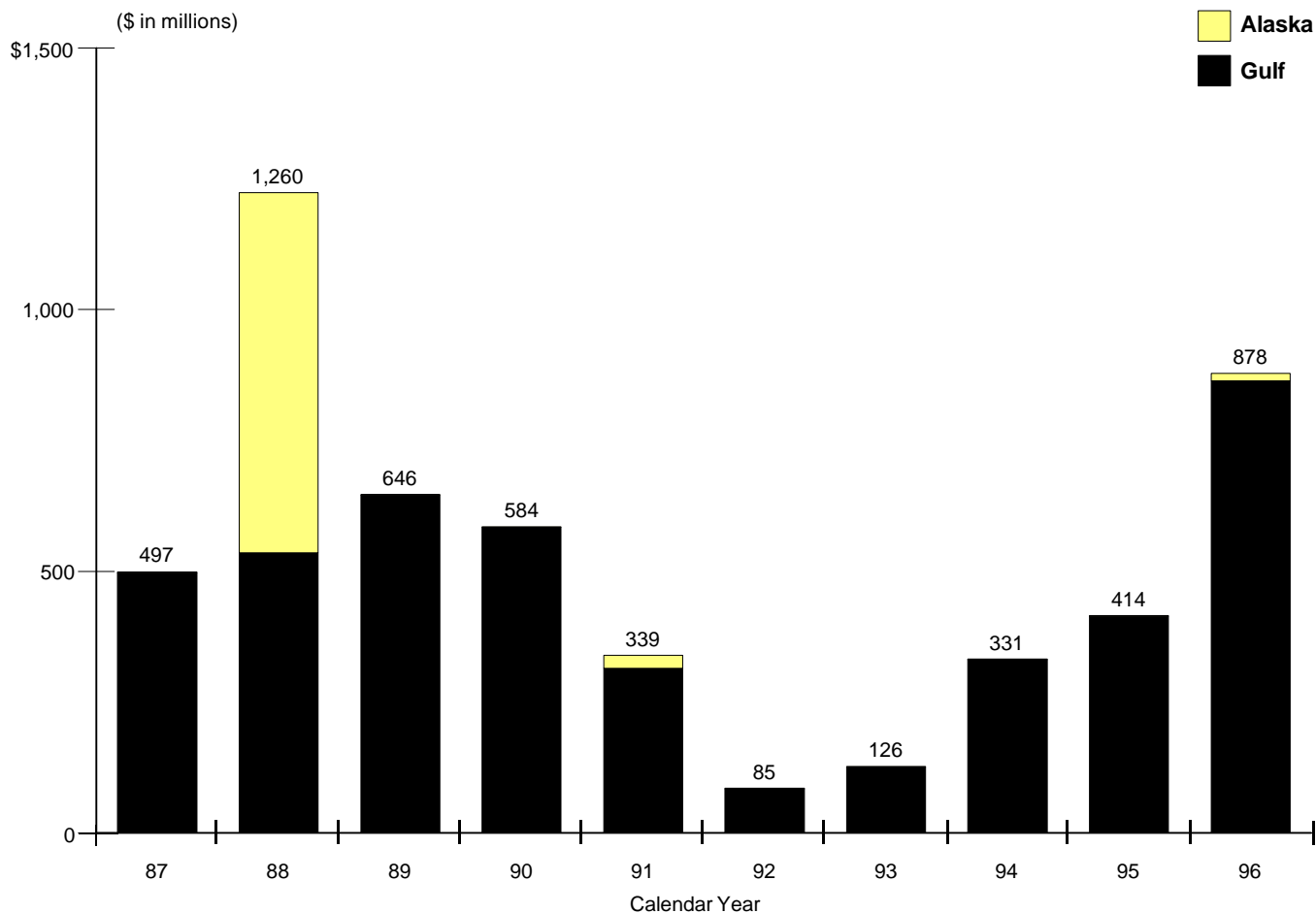
**Preliminary****Table 18. Summary of rents by area from OCS leases, Calendar Years 1953-96 (cont.)**

1992	1993	1994	1995	1996	1953-96	
\$ 147,523	\$ 319,721	\$ 740,244	\$ 999,444	\$ 570,027	\$ 6,472,647	Alabama
7,374,262	4,392,274	949,685	1,028,693	1,644,150	132,160,661	Alaska
92,160	---	312,839	432,521	1,015,687	40,779,761	Atlantic States
402,180	54,144	50,980	(64,148)	(26,465)	37,344,467	California
105,807	114,606	107,177	68,172	85,558	12,886,317	Florida
---	---	---	---	82,101,722	82,101,722	Gulf of Mexico
49,087,621	29,268,366	30,003,884	62,526,069	53,231,380	744,342,711	Louisiana
107,686	51,840	46,080	379,459	46,080	1,948,254	Mississippi
---	---	---	---	---	3,759,021	Oregon
2,381,572	5,585,737	7,655,697	21,953,650	20,011,910	181,869,823	Texas
---	---	---	---	---	<u>1,399,080</u>	Washington
<b>\$59,698,811</b>	<b>\$39,786,688</b>	<b>\$39,866,586</b>	<b>\$87,323,860</b>	<b>\$158,680,049</b>	<b>\$1,245,064,464</b>	<b>Total</b>

NOTE: Boundaries for offshore State areas have not been legally defined beyond the area identified in section 8(g) of the Outer Continental Shelf Lands Act Amendments of 1985, Public Law 99-272. Beginning in 1996, revenues from new offshore leases issued in the Gulf of Mexico beyond the section 8(g) boundaries will be listed in this report under "Gulf of Mexico." Revenues from leases issued within each State's 8(g) zone and leases previously identified with a particular State will continue to be listed under that State.

**Preliminary****Table 19. Calendar Year 1996 bonuses paid on lease sales of OCS oil and gas tracts by area**

	Sale No.	Sale Date	Tracts Leased	Acres Leased	Bonuses Paid
Alaska					
Beaufort Sea . . . . .	144	9-18-96	29	100,026	\$ 14,429,363
Atlantic . . . . .	No leasing activity since 1983				
Gulf of Mexico					
Central . . . . .	157	4-24-96	902	4,641,292	511,555,568
Western . . . . .	161	9-25-96	606	3,407,403	352,180,828
Pacific . . . . .	No leasing activity since 1984				
<b>Total . . . . .</b>			<b>1,537</b>	<b>8,148,721</b>	<b>\$878,165,759</b>

**Figure 22. Bonuses paid on lease sales of OCS oil and gas tracts by OCS region, 1987-96**

**Preliminary****Table 20. Summary of bonuses paid on lease sales of OCS oil and gas tracts, Calendar Years 1954-96**

	No. of Sales	Tracts Leased	Acres Leased	Bonuses Paid
1954* . . . . .	3	114	486,870	\$ 140,969,005
1955. . . . .	1	121	402,567	108,528,726
1959 . . . . .	2	42	171,300	89,746,992
1960** . . . . .	2	148	707,026	282,717,065
1962 . . . . .	3	420	1,929,177	489,481,061
1963 . . . . .	1	57	312,945	12,807,337
1964 . . . . .	2	124	613,524	95,874,327
1965* . . . . .	1	50	72,000	33,740,309
1966 . . . . .	3	42	141,768	209,199,893
1967** . . . . .	2	159	746,951	510,109,742
1968 . . . . .	3	197	934,164	1,346,487,097
1969* . . . . .	3	40	114,282	111,660,685
1970 . . . . .	2	138	598,540	945,064,773
1971 . . . . .	1	11	37,222	96,304,523
1972 . . . . .	2	178	826,195	2,251,347,556
1973 . . . . .	2	187	1,032,570	3,082,462,611
1974 . . . . .	4	356	1,762,158	5,022,860,815
1975 . . . . .	4	321	1,679,877	1,088,133,152
1976 . . . . .	4	246	1,277,937	2,242,898,467
1977 . . . . .	2	211	1,100,734	1,568,564,745
1978 . . . . .	4	249	1,297,274	1,767,042,064
1979 . . . . .	6	351	1,767,443	5,078,861,692
1980 . . . . .	3	218	1,134,227	4,204,640,257
1981 . . . . .	7	430	2,265,537	6,652,980,897
1982 . . . . .	5	357	1,886,360	3,987,490,009
1983 . . . . .	8	1,251	6,587,823	5,749,016,369
1984 . . . . .	6	1,387	7,397,939	3,928,876,308
1985 . . . . .	3	681	3,573,554	1,557,650,714
1986 . . . . .	2	142	734,418	187,094,747
1987 . . . . .	2	640	3,447,809	497,247,006
1988*** . . . . .	7	1,621	8,838,943	1,259,548,738
1989 . . . . .	2	1,049	5,580,867	645,617,410
1990 . . . . .	2	825	4,263,446	584,301,918
1991 . . . . .	4	676	3,413,560	338,856,549
1992 . . . . .	2	204	1,020,919	84,784,975
1993 . . . . .	2	336	1,714,458	126,467,246
1994 . . . . .	2	560	2,775,014	331,367,072
1995 . . . . .	2	835	4,341,665	414,007,620
1996 . . . . .	3	1,537	8,148,721	878,165,759
<b>Total . . . . .</b>	<b>119</b>	<b>16,511</b>	<b>85,137,784</b>	<b>\$58,002,976,231</b>

\* Sales include one sulfur lease.

\*\* Sales include one salt lease.

\*\*\* Sales include one salt and sulfur lease.

**Preliminary****Table 21. Summary of other revenues by area from OCS leases, Calendar Years 1957-96**

	1957-86	1987	1988	1989	1990	1991
Alabama	\$ 85,356	\$ 101,859	\$ 209,011	\$ 191,949	\$ 252,089	\$ 248,742
Alaska	221,330	71,320	130,696	102,480	84,048	67,568
Atlantic States	73,728	---	---	---	---	---
California	2,221,848	434,917	646,162	526,300	551,205	441,400
Gulf of Mexico	---	---	---	---	---	---
Louisiana	41,300,092	19,239,027	8,727,373	26,261,190	16,028,740	15,444,167
Mississippi	---	15,594	32,874	15,594	49,731	49,731
Texas	<u>11,945,575</u>	<u>1,536,615</u>	<u>7,076,705</u>	<u>11,793,401</u>	<u>2,332,435</u>	<u>4,426,090</u>
<b>Total</b>	<b>\$55,847,929</b>	<b>\$21,399,332</b>	<b>\$16,822,821</b>	<b>\$38,890,914</b>	<b>\$19,298,248</b>	<b>\$20,677,698</b>



**Preliminary****Table 21. Summary of other revenues by area from OCS leases, Calendar Years 1957-96 (cont.)**

1992	1993	1994	1995	1996	1957-96	
\$ 1,691,097	\$ (13,741)	\$ 129,294	\$ (679,998)	\$ 363,036	\$ 2,578,694	Alabama
67,568	67,568	86,000	86,000	98,945	1,083,523	Alaska
---	---	---	---	---	73,728	Atlantic States
997,354	3,068,787	343,906	(1,176,725)	521,887	8,577,041	California
---	---	---	---	2,317	2,317	Gulf of Mexico
33,533,897	119,445,081	141,190,812	19,803,444	40,394,227	481,368,050	Louisiana
67,011	299,731	280,911	90,589	(8,289)	893,477	Mississippi
<u>3,386,119</u>	<u>14,859,633</u>	<u>(1,094,099)</u>	<u>(2,440,656)</u>	<u>9,436,809</u>	<u>63,258,627</u>	Texas
<b>\$39,743,046</b>	<b>\$137,727,059</b>	<b>\$140,936,824</b>	<b>\$15,682,654</b>	<b>\$50,808,932</b>	<b>\$557,835,457</b>	<b>Total</b>

NOTE: This table was formerly titled "Summary of minimum royalties by area from OCS leases." The revenues in this table include minimum royalties; however, other revenue sources are also represented, including settlement payments, gas storage fees, estimated payments, and recoupments. The increase in revenues in 1993-94 was due to additional collections from settlements. The decline in revenues in 1995 was due to a lower volume of settlement payments and to a number of recoupments for estimated royalty payments, particularly recoupments of estimated gas royalties. Estimated payments by many payors exceeded royalty obligations when gas prices fell in 1995.

Boundaries for offshore State areas have not been legally defined beyond the area identified in section 8(g) of the Outer Continental Shelf Lands Act Amendments of 1985, Public Law 99-272. Beginning in 1996, revenues from new offshore leases issued in the Gulf of Mexico beyond the section 8(g) boundaries will be listed in this report under "Gulf of Mexico". Revenues from leases issued within each State's 8(g) zone and leases previously identified with a particular State will continue to be listed under that State.

**Preliminary****Table 23. Calendar Year 1996 sales volume, sales value, and royalties by commodity and State from Federal onshore mineral leases**

	Sales Volume	Sales Value	Royalties
<b>Carbon Dioxide</b>			
Colorado .....	234,250,970	\$ 143,182,785	\$ (492,433)
New Mexico .....	10,455,185	3,913,822	487,289
Wyoming .....	21,105,185	5,952,339	105,950
Subtotal .....	265,811,340	\$ 153,048,946	\$ 100,806
<b>Clay</b>			
Alabama .....	56,703	\$ 113,406	\$ 4,536
Wyoming .....	14,641	292,820	16,105
Subtotal .....	71,344	\$ 406,226	\$ 20,641
<b>Coal</b>			
Alabama .....	49,377	\$ 2,314,737	\$ 169,544
Colorado .....	18,765,590	379,452,858	28,560,925
Kentucky .....	249,333	5,998,568	268,385
Montana .....	24,816,378	282,031,013	32,935,987
New Mexico .....	5,861,991	169,569,454	20,844,809
North Dakota .....	1,835,184	15,376,728	1,012,891
Oklahoma .....	769,297	26,221,224	746,551
Utah .....	26,403,884	582,264,498	39,456,175
Washington .....	570,668	16,946,521	1,233,841
Wyoming .....	248,866,650	1,450,325,503	176,655,794
Subtotal .....	328,188,352	\$2,930,501,104	\$301,884,902
<b>Copper</b>			
Missouri .....	19,894	\$ 10,184,266	\$ 314,270
<b>Fluorspar</b>			
Illinois .....	2,328	\$ 458,213	\$ 22,911
<b>Garnet Gem</b>			
Idaho .....	7	\$ 1,321	\$ 132
<b>Gas</b>			
Alabama .....	1,223,583	\$ 2,777,356	\$ 326,081
Alaska .....	18,709,815	25,263,753	3,213,394
Arkansas .....	10,244,570	20,137,483	2,712,983
California .....	14,571,665	24,029,977	2,564,484
Colorado .....	76,311,232	106,526,711	12,652,064
Kansas .....	18,784,254	30,267,987	3,790,890

**Preliminary****Table 23. Calendar Year 1996 sales volume, sales value, and royalties by commodity and State from Federal onshore mineral leases (cont.)**

	Sales Volume	Sales Value	Royalties
<b>Gas (cont.)</b>			
Kentucky .....	290,505	\$ 600,299	\$ 74,757
Louisiana .....	25,150,071	58,842,219	7,316,223
Michigan .....	5,845,068	14,300,153	1,774,088
Mississippi .....	649,458	1,502,418	189,313
Montana .....	13,976,481	24,641,406	2,996,141
New Mexico .....	1,060,741,088	1,464,283,625	164,810,087
New York .....	26,388	61,633	7,680
North Dakota .....	7,782,665	8,989,017	1,048,918
Ohio .....	779,793	1,890,894	225,782
Oklahoma .....	17,058,634	32,851,471	4,102,718
Pennsylvania .....	92,181	198,005	25,134
South Dakota .....	351,322	374,329	44,020
Tennessee .....	427	768	96
Texas .....	79,428,239	163,165,743	19,407,020
Utah .....	59,903,175	81,132,525	8,785,977
Virginia .....	512,017	1,198,772	151,412
West Virginia .....	820,837	2,074,107	259,273
Wyoming .....	486,492,591	649,145,526	73,417,645
Subtotal .....	1,899,746,059	\$2,714,256,177	\$309,896,180
<b>Gas Lost</b>			
California .....	24,289	\$ 34,571	\$ 4,321
New Mexico .....	1,217	1,546	193
Subtotal .....	25,506	\$ 36,117	\$ 4,514
<b>Gas Plant Products</b>			
Alabama .....	1,185	\$ 512	\$ 166
Alaska .....	(3,770,345)	(1,375,969)	(154,176)
California .....	2,451,823	922,113	74,286
Colorado .....	58,141,663	18,670,708	1,380,395
Kansas .....	5,002,557	1,818,481	180,245
Louisiana .....	12,557,994	4,532,544	369,541
Michigan .....	1,258,691	433,526	37,032
Montana .....	3,766,497	1,669,566	130,326
New Mexico .....	670,761,522	185,689,383	16,395,005
North Dakota .....	7,611,602	2,363,409	164,577
Oklahoma .....	702,646	206,219	21,500
Texas .....	5,369,989	1,676,006	193,607
Utah .....	46,937,552	9,014,659	589,447
Wyoming .....	324,363,906	82,957,380	4,906,989
Subtotal .....	1,135,157,282	\$ 308,578,537	\$ 24,288,940

**Preliminary****Table 23. Calendar Year 1996 sales volume, sales value, and royalties by commodity and State from Federal onshore mineral leases (cont.)**

	Sales Volume	Sales Value	Royalties
<b><i>Geothermal</i></b>			
California .....	12,931,188	\$125,381,327	\$14,292,089
Nevada .....	2,326,613	54,329,050	5,376,825
Utah .....	972,341	2,287,860	228,786
Subtotal .....	16,230,142	\$181,998,237	\$19,897,700
<b><i>Gilsonite</i></b>			
Utah .....	2,355	\$ 820,410	\$ 27,591
<b><i>Hot Water</i></b>			
California .....	7,657,182	\$ 55,131,714	\$ 5,536,870
Nevada .....	10,608	41,901	4,190
New Mexico .....	6,561	7,873	787
Subtotal .....	7,674,351	\$ 55,181,488	\$ 5,541,847
<b><i>Langbeinite</i></b>			
New Mexico .....	638,946	\$ 51,435,029	\$ 1,028,700
<b><i>Lead</i></b>			
Missouri .....	287,680	\$154,014,802	\$ 4,629,377
<b><i>Limestone</i></b>			
Virginia .....	73,804	\$ 596,904	\$ 29,845
<b><i>Magnesium</i></b>			
Utah .....	32,596	\$ 564,067	\$ 16,922
<b><i>Nitrogen</i></b>			
North Dakota .....	8,280	\$ 1,656	\$ 207
Wyoming .....	57,218	211,136	18,032
Subtotal .....	65,498	\$ 212,792	\$ 18,239
<b><i>Oil</i></b>			
Alabama .....	155,639	\$ 2,998,252	\$ 374,636
Alaska .....	936,021	17,364,249	2,159,510
Arkansas .....	1,544	28,843	3,605
California .....	21,008,522	318,123,197	24,469,149
Colorado .....	6,606,337	133,946,689	17,927,822
Florida .....	14,395	272,524	34,065
Illinois .....	51,088	1,000,619	116,764

**Preliminary****Table 23. Calendar Year 1996 sales volume, sales value, and royalties by commodity and State from Federal onshore mineral leases (cont.)**

	Sales Volume	Sales Value	Royalties
<b><i>Oil (cont.)</i></b>			
Kansas .....	352,716	\$ 6,782,158	\$ 764,094
Kentucky .....	6,940	127,046	3,933
Louisiana .....	1,220,163	23,425,054	2,599,661
Michigan .....	86,182	1,681,689	201,359
Mississippi .....	739,436	13,056,514	1,514,315
Montana .....	2,845,614	48,490,033	5,253,148
Nebraska .....	74,397	1,440,446	180,805
Nevada .....	1,178,031	17,711,093	2,196,542
New Mexico .....	31,408,809	629,703,513	63,176,117
North Dakota .....	5,808,925	109,379,591	13,050,199
Ohio .....	26,027	480,077	38,702
Oklahoma .....	203,345	3,968,299	417,432
Pennsylvania .....	8,020	147,536	12,283
South Dakota .....	262,706	4,615,073	569,417
Texas .....	644,019	12,074,367	1,420,240
Utah .....	4,760,131	92,667,274	9,661,290
West Virginia .....	7,714	149,192	18,649
Wyoming .....	43,127,558	809,395,033	86,257,959
Subtotal .....	121,534,279	\$2,249,028,361	\$232,421,696
<b><i>Oil Lost</i></b>			
Oklahoma .....	1	\$ 11	\$ 1
<b><i>Phosphate</i></b>			
Florida .....	26,205	\$ 504,970	\$ 29,377
Idaho .....	5,571,480	92,052,584	4,603,271
Subtotal .....	5,597,685	\$ 92,557,554	\$ 4,632,648
<b><i>Potash</i></b>			
California .....	66,859	\$ 7,058,347	\$ 278,991
New Mexico .....	1,126,156	96,855,441	1,742,027
Utah .....	13,556	1,180,500	35,415
Subtotal .....	1,206,571	\$ 105,094,288	\$ 2,056,433
<b><i>Purge Liquor</i></b>			
Wyoming .....	53,771	\$ 1,197,728	\$ 63,969
<b><i>Quartz Crystals</i></b>			
Arkansas .....	58,838	\$ 110,492	\$ 5,525

**Preliminary****Table 23. Calendar Year 1996 sales volume, sales value, and royalties by commodity and State from Federal onshore mineral leases (cont.)**

	Sales Volume	Sales Value	Royalties
<b><i>Sand and Gravel</i></b>			
Nevada .....	3,022,944	\$ 12,582,385	\$ 582,578
<b><i>Sodium</i></b>			
California .....	1,310,898	\$ 126,428,709	\$ 6,167,214
Colorado .....	60,447	8,440,859	422,044
New Mexico .....	280,073	530,588	26,834
Utah .....	4,632	24,367	731
Wyoming .....	<u>4,927,616</u>	<u>377,522,631</u>	<u>19,327,118</u>
Subtotal .....	6,583,666	\$ 512,947,154	\$ 25,943,941
<b><i>Sulfur</i></b>			
Alabama .....	505	\$ 21,222	\$ 2,656
California .....	2,589	17,400	870
Montana .....	1,760	10,618	461
New Mexico .....	7,339	67,479	3,482
North Dakota .....	7,900	78,204	5,570
Wyoming .....	<u>354,271</u>	<u>11,866,759</u>	<u>42,948</u>
Subtotal .....	374,364	\$ 12,061,682	\$ 55,987
<b><i>Trona Ore</i></b>			
California .....	37,530	\$ 1,296,221	\$ 64,811
Wyoming .....	<u>25,845</u>	<u>1,692,313</u>	<u>84,819</u>
Subtotal .....	63,375	\$ 2,988,534	\$ 149,630
<b><i>Zinc</i></b>			
Illinois .....	667	\$ 191,225	\$ 9,561
Missouri .....	<u>58,169</u>	<u>28,397,096</u>	<u>925,097</u>
Subtotal .....	58,836	\$ 28,588,321	\$ 934,658
<b>Total .....</b>		<b>\$9,579,451,146</b>	<b>\$934,570,583</b>

NOTE: One of the principal payors reporting on carbon dioxide in Colorado claimed a recoupment in 1996 against prior year royalty payments. The recoupment is based on a royalty calculation procedure that has been rescinded by the Minerals Management Service (MMS). The payor claimed the recoupment and posted surety with MMS while the matter is under appeal. The recoupment claimed for prior year royalty payments resulted in a net refund to the payor during the year.

## Preliminary

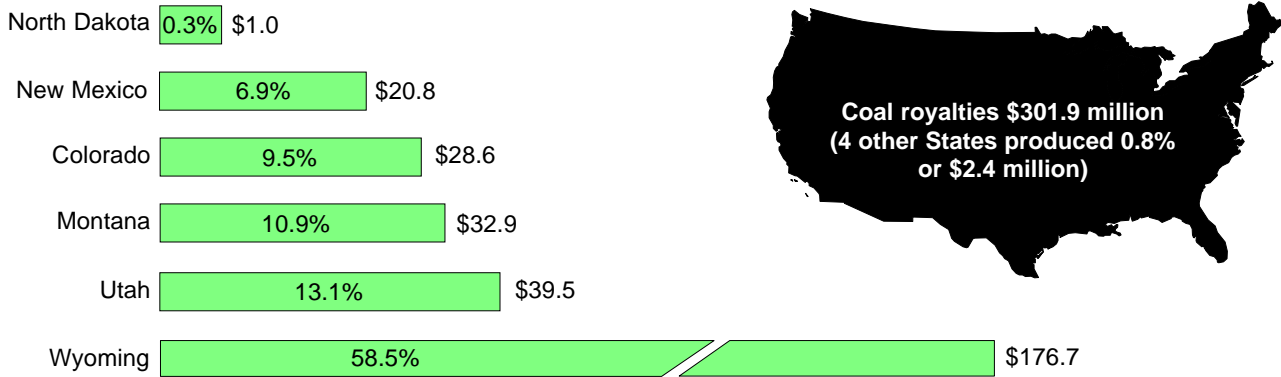


Figure 29. Federal onshore coal royalties by State, in millions, Calendar Year 1996

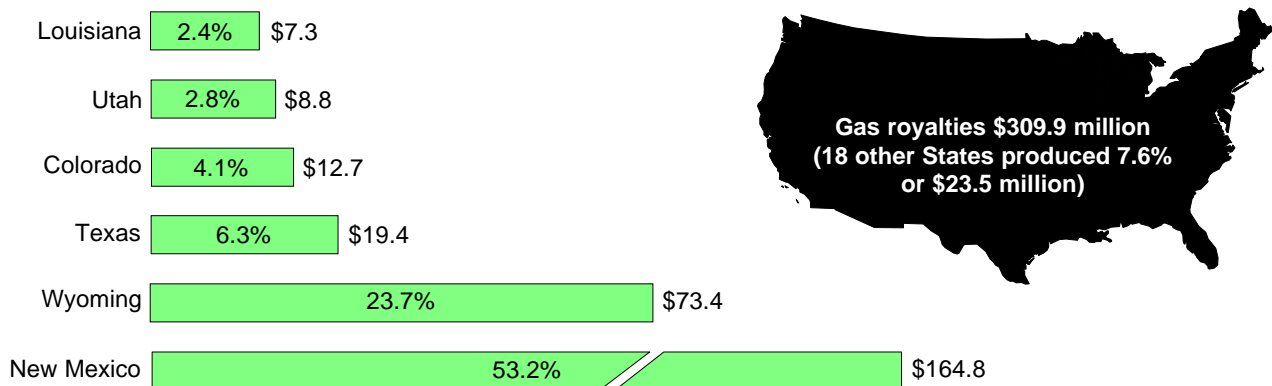


Figure 30. Federal onshore gas royalties by State, in millions, Calendar Year 1996

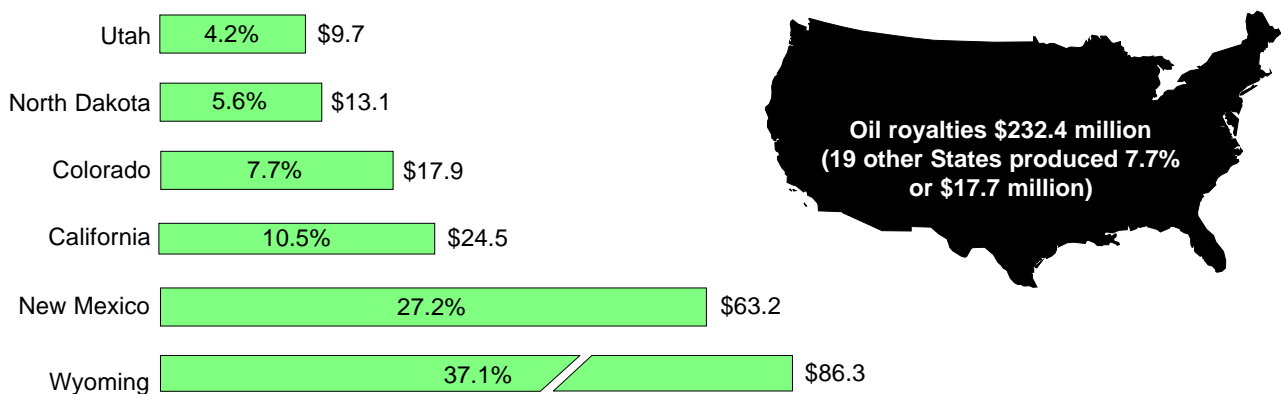


Figure 31. Federal onshore oil royalties by State, in millions, Calendar Year 1996

## Preliminary

**Table 24. Summary of rents by State from Federal onshore mineral leases, Calendar Years 1985-96**

	1985-92	1993	1994	1995	1996	1985-96
Alabama . . . . .	\$ 1,633,094	\$ 148,731	\$ 144,721	\$ 119,194	\$ 131,907	\$ 2,177,647
Alaska . . . . .	20,393,831	184,277	75,555	79,005	46,654	20,779,322
Arizona . . . . .	5,892,772	128,538	143,965	104,142	120,001	6,389,418
Arkansas . . . . .	6,679,713	383,113	222,377	186,098	204,792	7,676,093
California . . . . .	13,271,134	564,605	498,049	384,526	441,592	15,159,906
Colorado . . . . .	57,472,947	3,288,528	3,228,768	3,117,022	3,730,093	70,837,358
Florida . . . . .	2,357,669	68,496	56,473	43,354	15,007	2,540,999
Georgia . . . . .	101,024	---	---	---	---	101,024
Idaho . . . . .	7,430,473	59,346	61,136	5,699	15,392	7,572,046
Illinois . . . . .	30,380	5,714	4,664	12,727	12,331	65,816
Indiana . . . . .	2,921	15	15	415	415	3,781
Iowa . . . . .	1,635	---	---	---	---	1,635
Kansas . . . . .	334,963	10,575	20,002	23,579	21,552	410,671
Kentucky . . . . .	280,542	43,962	29,487	28,090	28,938	411,019
Louisiana . . . . .	1,609,915	346,610	335,101	373,264	396,220	3,061,110
Maryland . . . . .	12,599	2,443	496	496	496	16,530
Michigan . . . . .	3,712,629	196,934	153,398	115,897	57,425	4,236,283
Minnesota . . . . .	86,366	6,880	900	35,071	(22,931)	106,286
Mississippi . . . . .	4,892,916	485,045	429,009	418,426	403,734	6,629,130
Missouri . . . . .	86,386	5,582	16,316	60,616	(93,095)	75,805
Montana . . . . .	42,633,548	1,140,873	766,029	1,119,851	1,745,108	47,405,409
Nebraska . . . . .	614,096	22,736	17,652	14,089	15,966	684,539
Nevada . . . . .	63,956,807	6,077,074	5,769,184	4,582,157	4,211,910	84,597,132
New Mexico . . . . .	49,612,039	2,813,487	2,606,661	2,456,895	2,944,416	60,433,498
New York . . . . .	67,073	---	---	---	---	67,073
North Carolina . . . . .	111,844	2,233	3,424	2,130	---	119,631
North Dakota . . . . .	4,321,513	295,313	404,003	477,936	652,203	6,150,968
Ohio . . . . .	170,580	25,622	24,051	33,588	39,305	293,146
Oklahoma . . . . .	3,443,083	240,475	184,616	240,742	433,150	4,542,066
Oregon . . . . .	10,600,146	103,696	107,749	(69,542)	135,675	10,877,724
Pennsylvania . . . . .	14,173	1,015	1,017	1,127	1,127	18,459
South Carolina . . . . .	19,024	1,034	2,373	555	555	23,541
South Dakota . . . . .	4,768,879	185,368	185,604	211,510	271,355	5,622,716
Tennessee . . . . .	71,831	253	253	---	---	72,337
Texas . . . . .	2,094,639	292,359	282,450	316,163	398,343	3,383,954
Utah . . . . .	63,286,470	4,973,504	4,335,627	4,328,797	4,692,391	81,616,789
Virginia . . . . .	1,865,183	150,828	90,361	40,166	(11,215)	2,135,323
Washington . . . . .	4,084,227	3,584	2,448	20,078	20,366	4,130,703
West Virginia . . . . .	2,038,143	138,888	78,586	261,951	83,669	2,601,237
Wisconsin . . . . .	416,543	1,119	1,638	3,197	3,417	425,914
Wyoming . . . . .	<u>146,860,006</u>	<u>12,268,209</u>	<u>12,606,631</u>	<u>14,669,508</u>	<u>16,433,599</u>	<u>202,837,953</u>
<b>Total . . . . .</b>	<b>\$527,333,756</b>	<b>\$34,667,064</b>	<b>\$32,890,789</b>	<b>\$33,818,519</b>	<b>\$37,581,863</b>	<b>\$666,291,991</b>

NOTE: Fluctuations in revenues from one year to another may be due to lease additions, lease terminations, estimated rent payments, and recoupments.



**Preliminary****Table 25. Fiscal Year 1996 accepted bonus bids by State and commodity from sales of Federal onshore mineral leases**

	No. of Leases	Acres Leased	Accepted Bonus Bids		No. of Leases	Acres Leased	Accepted Bonus Bids
<b>Arkansas</b>				<b>North Dakota</b>			
Oil and Gas	4	928	\$ 69,314	Oil and Gas	66	28,644	\$ 1,193,954
<b>Colorado</b>				<b>Ohio</b>			
Coal	1	2,600	4,057,900	Oil and Gas	1	113	226
Oil and Gas	195	139,313	1,521,786	<b>Oklahoma</b>			
<b>Idaho</b>				Oil and Gas	173	56,163	583,081
Phosphate	1	120	88,270	<b>South Dakota</b>			
<b>Kentucky</b>				Oil and Gas	78	51,704	616,042
Oil and Gas	---	---	172	<b>Texas</b>			
<b>Louisiana</b>				Oil and Gas	42	21,332	406,408
Oil and Gas	112	41,768	421,868	<b>Utah</b>			
<b>Mississippi</b>				Coal	2	5,469	8,267,000
Oil and Gas	64	16,598	330,241	Oil and Gas	185	199,987	9,132,042
<b>Montana</b>				<b>Wyoming</b>			
Oil and Gas	297	216,346	1,159,545	Oil and Gas	962	671,264	8,693,365
<b>Nevada</b>				Sodium	<u>2</u>	<u>1,280</u>	<u>3,673,600</u>
Geothermal	4	6,237	260,010	<b>Total</b>	<b>2,495</b>	<b>1,618,074</b>	<b>\$56,031,328</b>
Oil and Gas	33	30,742	90,776				
<b>New Mexico</b>							
Oil and Gas	273	127,466	15,465,728				

NOTE: Accepted bonus bids in tables 25 and 26 include both revenues actually collected in Fiscal Year (FY) 1996 and revenues that may be deferred until later years. Coal bonus payments may be deferred through five annual installments from the date of the lease sale. Bonus collections in tables 2 and 3 of this report represent actual payments received in Calendar Year (CY) 1996. Bonus revenues collected and deferred in FY 1996 in tables 25 and 26 will subsequently not correspond to bonus revenues collected in CY 1996 in tables 2 and 3.

The accepted bonus bid in Kentucky represents collections in FY 1996 from an oil and gas lease sale conducted in a prior year.

Oil and gas figures in Utah include 8 combined hydrocarbon leases on 12,573 acres issued in FY 1996 with an accepted bonus bid of \$7,705,212. The combined hydrocarbon leases involve the recovery of oil and gas from tar sands under the provisions of the Combined Hydrocarbon Leasing Act of 1981.

SOURCE: Bureau of Land Management, Department of the Interior.

**Preliminary****Table 26. Summary of accepted bonus bids from sales of Federal onshore mineral leases, Fiscal Years 1954-96**

	<b>Oil &amp; Gas</b>		<b>Other Minerals</b>		<b>Totals</b>	
	Acres Leased	Accepted Bonus Bids	Acres Leased	Accepted Bonus Bids	Acres Leased	Accepted Bonus Bids
1954-59 ..	270,448	\$ 4,685,364	79,394	\$ 3,174,974	349,842	\$ 7,860,338
1960 ..	21,947	668,865	11,748	111,291	33,695	780,156
1961 ..	27,466	12,395,374	25,863	1,030,725	53,329	13,426,099
1962 ..	32,711	7,059,451	41,507	223,379	74,218	7,282,830
1963 ..	53,124	2,089,236	54,244	475,288	107,368	2,564,524
1964 ..	20,335	649,918	32,290	1,112,824	52,625	1,762,742
1965 ..	46,572	1,805,432	30,009	1,072,714	76,581	2,878,146
1966 ..	35,453	572,837	48,979	1,071,869	84,432	1,644,706
1967 ..	61,665	764,296	47,606	936,656	109,271	1,700,952
1968 ..	71,505	972,523	95,303	3,102,240	166,808	4,074,763
1969 ..	36,969	754,543	---	---	36,969	754,543
1970 ..	38,724	478,890	18,493	370,395	57,217	849,285
1971 ..	52,102	1,163,136	28,706	7,627,114	80,808	8,790,250
1972 ..	88,326	1,117,543	---	---	88,326	1,117,543
1973 ..	89,315	2,203,370	133	33,635	89,448	2,237,005
1974 ..	65,247	2,295,623	24,493	449,192,426	89,740	451,488,049
1975 ..	112,401	8,202,991	362	3,618	112,763	8,206,609
1976 ..	74,616	4,934,208	---	---	74,616	4,934,208
1977 ..	80,529	7,820,947	---	---	80,529	7,820,947
1978 ..	76,438	12,705,965	574	31,380	77,012	12,737,345
1979 ..	62,447	7,597,171	6,475	816,008	68,922	8,413,179
1980 ..	71,623	22,048,947	9,897	933,369	81,520	22,982,316
1981 ..	126,070	103,314,389	60,034	25,358,616	186,104	128,673,005
1982 ..	991,186	95,304,216	352,510	29,966,642	1,343,696	125,270,858
1983 ..	131,702	31,150,106	173,694	30,958,099	305,396	62,108,205
1984 ..	394,264	49,484,379	17,955	584,422	412,219	50,068,801
1985 ..	517,612	47,367,665	4,444	227,094	522,056	47,594,759
1986 ..	353,055	26,643,088	38,420	3,565,974	391,475	30,209,062
1987 ..	211,488	33,345,494	6,333	1,407,220	217,821	34,752,714
1988 ..	1,913,023	51,208,738	75,408	3,523,373	1,988,431	54,732,111
1989 ..	2,831,737	62,847,022	26,963	16,746,107	2,858,700	79,593,129
1990 ..	1,723,845	49,363,154	3,648	1,709,099	1,727,493	51,072,253
1991 ..	1,845,365	41,493,134	10,224	8,061,021	1,855,589	49,554,155
1992 ..	1,118,816	18,804,174	26,764	3,898,016	1,145,580	22,702,190
1993 ..	1,744,777	22,747,870	11,270	196,686,517	1,756,047	219,434,387
1994 ..	2,147,415	41,430,784	6,879	4,954,028	2,154,294	46,384,812
1995 ..	2,394,854	47,339,046	13,159	26,035,179	2,408,013	73,374,225
1996 ..	<u>1,589,795</u>	<u>31,979,336</u>	<u>28,279</u>	<u>24,051,992</u>	<u>1,618,074</u>	<u>56,031,328</u>
<b>Total ..</b>	<b>21,524,967</b>	<b>\$856,809,225</b>	<b>1,412,060</b>	<b>\$849,053,304</b>	<b>22,937,027</b>	<b>\$1,705,862,529</b>

SOURCE: Bureau of Land Management, Department of the Interior.

**Preliminary****Table 27. Summary of other revenues by State from Federal onshore mineral leases, Calendar Years 1985-96**

	1985-92	1993	1994	1995	1996	1985-96
Alabama . . . . .	\$ 172,475	\$ (26,494)	\$ 21,985	\$ 25,797	\$ (151,561)	\$ 42,202
Alaska . . . . .	9,591	4,565	478,152	(196,652)	24,777	320,433
Arizona . . . . .	2,083	---	---	---	---	2,083
Arkansas . . . . .	287,877	33,540	133,281	10,145	40,531	505,374
California . . . . .	578,365	(2,674,052)	1,631,435	1,314,934	466,780	1,317,462
Colorado . . . . .	7,156,750	407,985	1,161,621	1,775,766	2,444,188	12,946,310
Florida . . . . .	17,975	4,718	4,933	5,946	1,891	35,463
Georgia . . . . .	1,744	218	217	---	218	2,397
Idaho . . . . .	464,182	71,594	78,872	110,797	109,930	835,375
Illinois . . . . .	11,077	1,729	1,795	1,350	2,311	18,262
Kansas . . . . .	110,590	120,836	48,226	720,783	15,325	1,015,760
Kentucky . . . . .	96,309	50,762	23,169	24,823	83,273	278,336
Louisiana . . . . .	121,023	6,733	1,008,978	72,700	374,091	1,583,525
Maryland . . . . .	41,205	12,383	10,172	9,654	12,304	85,718
Michigan . . . . .	24,375	(574)	18,271	10,448	86,271	138,791
Minnesota . . . . .	421,358	30,476	54,066	48,660	48,660	603,220
Mississippi . . . . .	104,093	40,033	(66,072)	15,111	(890)	92,275
Missouri . . . . .	122,398	79,562	(24,209)	(109,940)	21,400	89,211
Montana . . . . .	2,105,244	1,892,348	6,321,938	664,041	377,455	11,361,026
Nebraska . . . . .	35,752	17,459	17,460	12,222	24,058	106,951
Nevada . . . . .	79,126	6,845	4,341,874	17,012	(189,563)	4,255,294
New Mexico . . . . .	12,258,827	5,011,395	2,208,365	2,375,679	7,936,301	29,790,567
New York . . . . .	1,000	---	---	---	---	1,000
North Carolina . . . . .	2,370	474	474	474	474	4,266
North Dakota . . . . .	413,681	(93,359)	4,180,102	587,383	(563,552)	4,524,255
Ohio . . . . .	19,693	2,340	1,892	2,078	1,920	27,923
Oklahoma . . . . .	165,728	1,902,133	119,795	(91,569)	116,235	2,212,322
Pennsylvania . . . . .	41,530	14,410	22,989	16,427	23,813	119,169
South Dakota . . . . .	105,199	5,387	3,973	6,303	12,371	133,233
Tennessee . . . . .	---	620	---	---	---	620
Texas . . . . .	72,460	21,787	(573)	44,247	27,894	165,815
Utah . . . . .	4,910,239	1,136,537	5,740,981	747,453	1,142,178	13,677,388
Virginia . . . . .	21,908	7,272	2,943	1,926	31,184	65,233
Washington . . . . .	8,470	---	---	---	---	8,470
West Virginia . . . . .	594,930	193,046	133,450	173,608	117,009	1,212,043
Wyoming . . . . .	<u>37,459,572</u>	<u>4,944,395</u>	<u>94,120,369</u>	<u>1,933,837</u>	<u>1,197,303</u>	<u>139,655,476</u>
<b>Total . . . . .</b>	<b>\$68,039,199</b>	<b>\$13,227,103</b>	<b>\$121,800,924</b>	<b>\$10,331,443</b>	<b>\$13,834,579</b>	<b>\$227,233,248</b>

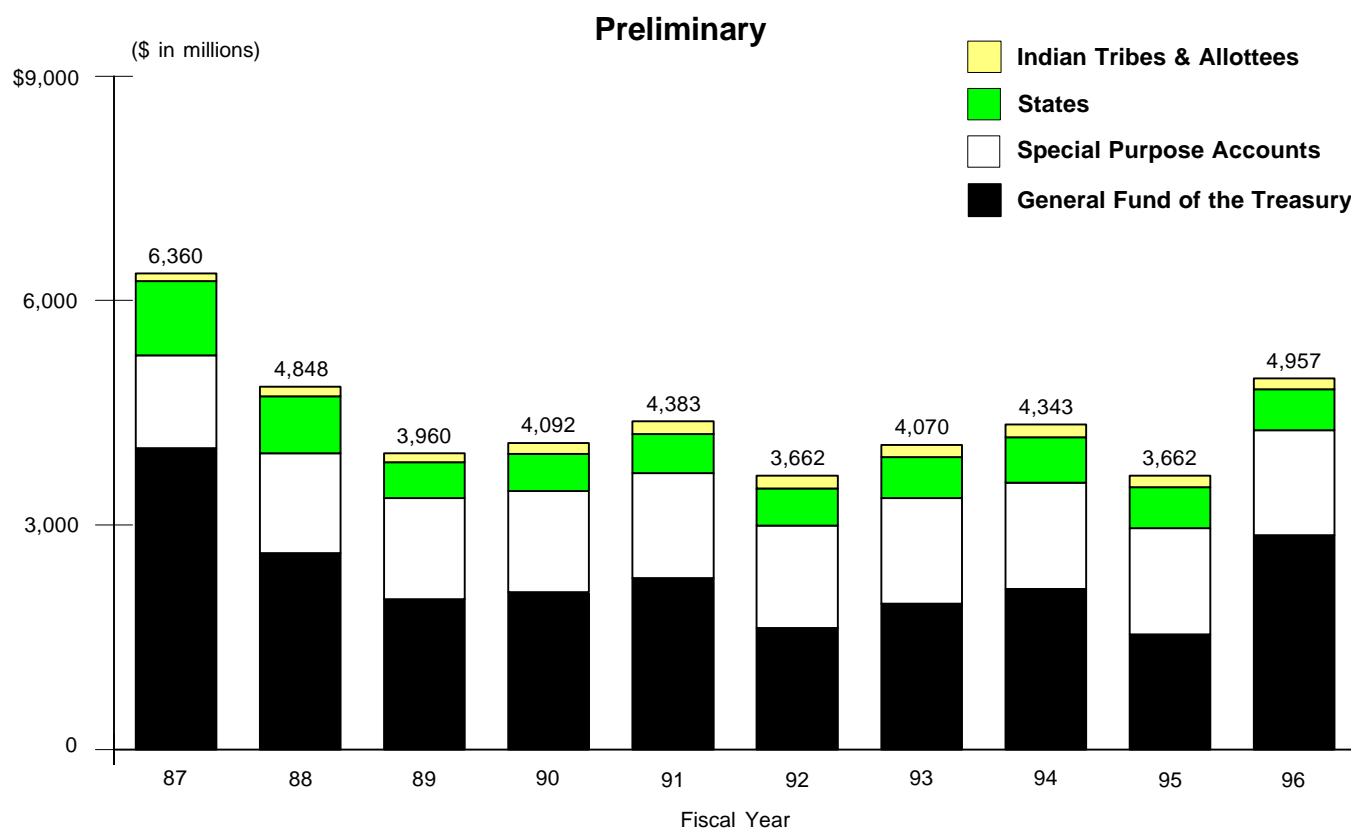
NOTE: This table was formerly titled "Summary of minimum royalties by State from Federal onshore mineral leases." The revenues in this table include minimum royalties; however, other revenue sources are also represented, including settlement payments, gas storage fees, estimated payments, and recoupments. The increase in revenues in 1993-94 was due to additional collections from settlements. The decline in revenues in 1995 was due to a lower volume of settlement payments and to a number of recoupments for estimated royalty payments, particularly recoupments of estimated gas royalties. Estimated payments by many payors exceeded royalty obligations when gas prices fell in 1995.

**Preliminary****Table 29. Calendar Year 1996 sales volume, sales value, and royalties by commodity and State from Indian mineral leases**

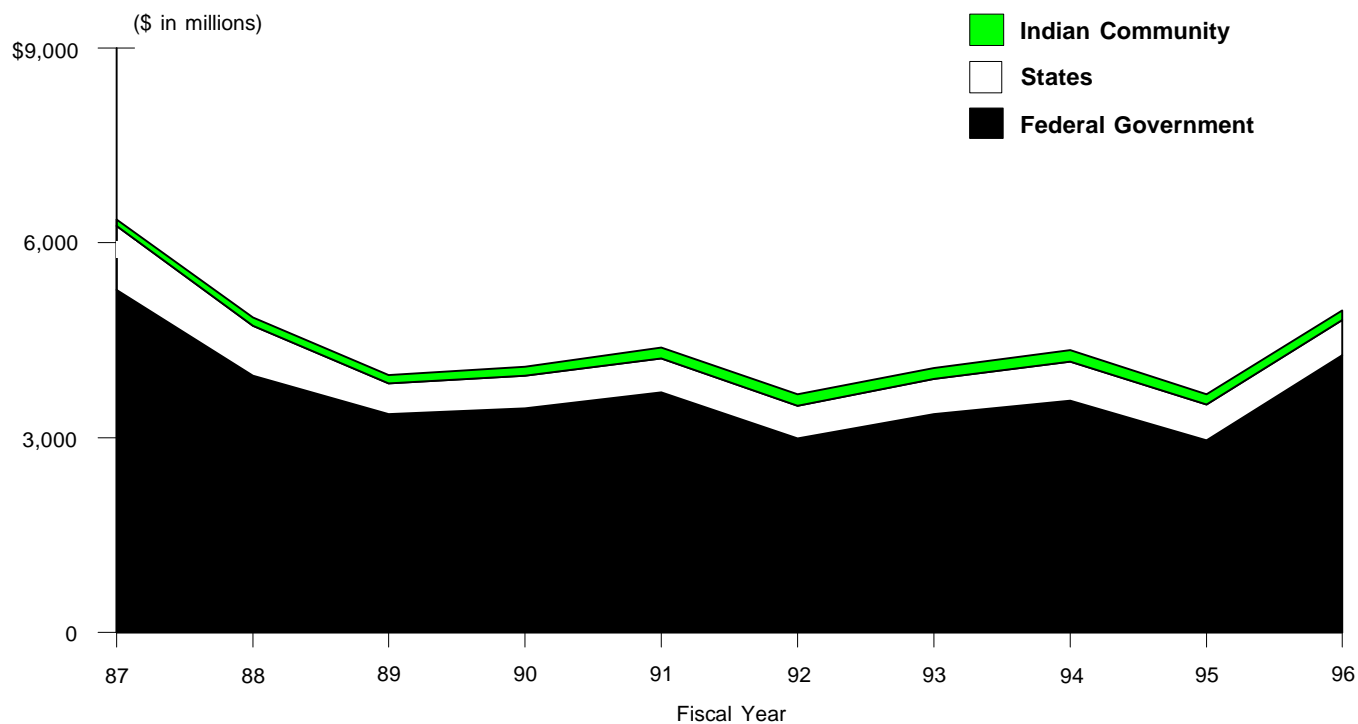
	Sales Volume	Sales Value	Royalties
<b>Chat</b>			
Oklahoma .....	239,199	\$ 262,667	\$ 71,760
<b>Coal</b>			
Arizona .....	12,184,822	\$274,794,525	\$33,226,179
Montana .....	4,681,254	27,284,017	2,139,868
New Mexico .....	9,438,892	219,211,160	27,697,824
Subtotal .....	26,304,968	\$521,289,702	\$63,063,871
<b>Copper</b>			
Arizona .....	46,519	\$ 20,604,368	\$ 1,690,035
<b>Gas</b>			
Arizona .....	338,685	\$ 416,783	\$ 81,493
Colorado .....	133,443,161	141,613,351	18,471,467
Montana .....	1,293,984	1,782,615	269,978
New Mexico .....	56,776,248	111,382,644	13,899,521
North Dakota .....	187,924	281,975	38,077
Oklahoma .....	26,054,670	47,047,589	7,897,760
Texas .....	6,144,900	14,312,551	2,781,585
Utah .....	8,823,728	13,341,919	2,146,014
Wyoming .....	15,426,502	15,659,653	2,672,664
Subtotal .....	248,489,802	\$345,839,080	\$48,258,559
<b>Gas Lost</b>			
New Mexico .....	204	\$ 260	\$ 32
Oklahoma .....	20,659	50,387	6,298
Subtotal .....	20,863	\$ 50,647	\$ 6,330
<b>Gas Plant Products</b>			
Arizona .....	102,111	\$ 37,919	\$ 4,046
Colorado .....	3,094,000	1,620,030	192,657
Montana .....	174,002	55,065	3,094
New Mexico .....	62,634,131	16,763,716	1,541,334
North Dakota .....	270,953	85,645	8,114
Oklahoma .....	4,244,090	1,269,162	181,122
Utah .....	10,812,336	3,389,558	304,859
Wyoming .....	421,824	175,225	7,356
Subtotal .....	81,753,447	\$ 23,396,320	\$ 2,242,582
<b>Granite</b>			
Washington .....	169,957	\$ 1,357,256	\$ 169,957
<b>Gypsum</b>			
New Mexico .....	702,980	\$ 2,811,920	\$ 637,285

**Preliminary****Table 29. Calendar Year 1996 sales volume, sales value, and royalties by commodity and State from Indian mineral leases (cont.)**

	Sales Volume	Sales Value	Royalties
<b>Limestone</b>			
Oklahoma .....	278,059	\$ 1,181,751	\$ 30,586
<b>Molybdenum</b>			
Arizona .....	171	\$ 391,952	\$ 39,197
<b>Oil</b>			
Arizona .....	94,049	\$ 1,932,548	\$ 328,650
Colorado .....	155,018	3,001,158	464,451
Michigan .....	749	14,983	1,967
Montana .....	798,217	15,175,206	2,261,140
New Mexico .....	1,022,626	19,726,716	2,838,269
North Dakota .....	87,643	1,617,684	239,951
Oklahoma .....	1,695,337	33,787,457	5,140,661
South Dakota .....	3,843	55,990	11,198
Texas .....	459,977	9,604,187	1,871,158
Utah .....	7,949,683	160,262,239	25,968,691
Wyoming .....	<u>2,006,628</u>	<u>40,308,290</u>	<u>8,304,712</u>
Subtotal .....	14,273,770	\$ 285,486,458	\$ 47,430,848
<b>Oil Lost</b>			
Colorado .....	3	\$ 65	\$ 8
Oklahoma .....	<u>17</u>	<u>298</u>	<u>37</u>
Subtotal .....	20	363	45
<b>Phosphate</b>			
Idaho .....	6,454	\$ 409,314	\$ 30,699
<b>Sand and Gravel</b>			
Arizona .....	2,411,904	\$ 11,056,241	\$ 1,892,114
California .....	1,558,761	7,077,362	1,135,139
Colorado .....	15,663	50,905	8,263
Nevada .....	522,842	2,323,296	196,223
New Mexico .....	1,569,535	4,186,571	1,006,353
Oklahoma .....	21,119	22,854	10,279
Utah .....	221,956	399,521	88,783
Washington .....	<u>432,045</u>	<u>1,092,757</u>	<u>159,667</u>
Subtotal .....	6,753,825	\$ 26,209,507	\$ 4,496,821
<b>Silica Sand</b>			
Arizona .....	29,592	\$ 665,820	\$ 13,021
<b>Sulfur</b>			
North Dakota .....	21	\$ <u>132</u>	\$ <u>16</u>
<b>Total .....</b>		<b>\$1,229,957,257</b>	<b>\$168,181,612</b>



**Figure 38. Disbursement of mineral revenues, in millions, from Federal and Indian Leases, Fiscal Years 1987-96**



**Figure 39. Disbursement of mineral revenues, in millions, to the Indian Community, States, and the Federal Government, Fiscal Years 1987-96**

# Distribution of Federal and Indian Mineral Revenues

Revenues collected in 1996 from mineral leases on Federal lands were distributed to States, to the U.S. Department of the Treasury (Treasury), and to a number of designated special-purpose accounts administered by Federal agencies. The Bureau of Indian Affairs (BIA) disbursed revenues collected from Indian leases to the appropriate Indian Tribes and allottees. Formulas for these disbursements are governed by legislation and regulations (table 30).

The General Fund of the Treasury received 57.8 percent, or \$2.9 billion, of all revenues in Fiscal Year (FY) 1996. Payments to three special-purpose accounts amounted to \$1.4 billion, or 28.2 percent of total mineral revenues. Another \$547.6 million, or 11.1 percent, was disbursed to mineral-producing States from offshore and onshore mineral activity. Indian revenues directed to Tribal governments and individual allotment owners equaled 2.9 percent, or \$145.8 million, during the fiscal year (table 31 and figure 40).

Royalty payments are generally due on the last day of the month following the month of production, unless that day falls on a weekend or holiday. Payments are then due on the first business day of the following month.

Since 1983, the Minerals Management Service (MMS) has generally disbursed mineral revenues derived from leases on public domain lands and shared with the States in the month following receipt of the payment. Disbursements are made under the provisions of section 104 of the Federal Oil and Gas Royalty Management Act of 1982 (FOGRMA) which amended the revenue disbursement provisions of the Mineral Leasing Act of 1920 (MLA), 30 U.S.C. 191. Since revenues collected in one month are disbursed in the following month, collection totals in a given year will not equal disbursement totals for the same year. Royalty, rent, and bonus revenues totaling \$457.8 million were distributed to 33 States from Federal onshore lands in FY 1996 (tables 33 and 34, and figure 41).

The MMS deposits Indian revenues in accounts administered by the Office of Trust Funds Management (OTFM) where they are invested and subsequently distributed to Indian Tribes and allottees by BIA.

The MMS administers mineral leases from different land categories. Legislation and regulations govern formulas for the disbursement of revenues from these leases (table 30).

## ***Outer Continental Shelf Lands***

Royalty, rent, and bonus revenues from Federal offshore mineral leases on the Outer Continental Shelf (OCS) are deposited to the General Fund of the Treasury through miscellaneous receipts. Under other applicable laws, specified amounts from total offshore revenues are transferred to the National Historic Preservation Fund and the Land and Water Conservation Fund. Transfers to the National Historic Preservation Fund totaled \$150 million and transfers to maintain the Land and Water Conservation Fund's annual authorization of \$900 million equaled \$896.9 million in FY 1996 (table 31 and figure 40).

Section 8(g) of the Outer Continental Shelf Lands Act (OCSLA) Amendments of 1978 provided that the States were to receive a "fair and equitable" division of revenues generated from the leasing of lands within 3 miles of the seaward boundary of a coastal State containing one or more oil and gas pools or fields underlying both the OCS and lands subject to the jurisdiction of the State. The States and the Federal Government, however, could not reach agreement concerning the meaning of the term "fair and equitable." Revenues generated within the 3-mile boundary were placed into an escrow fund beginning in August 1979. Revenues from the Beaufort Sea in Alaska were placed into a second escrow fund under section 7, beginning in December 1979.

Congress resolved the dispute over the meaning of "fair and equitable" in the OCSLA Amendments of 1985, Public Law 99-272. The law provides for the following distribution of section 8(g) revenues to the States:

- Disbursement of escrow funds during FY 1986-87;
- A series of annual settlement payments disbursed to the States over a 15-year period from FY 1987 to FY 2001; and
- Recurring annual disbursements of 27 percent of royalty, rent, and bonus revenues received within each affected State's 8(g) zone (table 30).

Congress passed a second law, Public Law 100-202, permitting distribution of \$322.9 million of the section 7 Beaufort Sea escrow funds to Alaska in FY 1988.

## Preliminary

Nearly \$89.9 million in OCS royalties and escrow funds was released to seven States in FY 1996 under the provisions of the OCSLA Amendments of 1985 (tables 33 and 35).

### **Public Domain Lands**

The majority of Federal lands are in the public domain. Under section 35 of MLA, States other than Alaska receive 50 percent of all royalties, rents, and bonuses collected from any public domain leases located within their respective boundaries. Forty percent of remaining mineral revenues is deposited in the Reclamation Fund, and 10 percent is directed into the General Fund of the Treasury (table 30).

Alaska receives 90 percent of all royalties, rents, and bonuses paid for mineral production on public domain leases in Alaska. The State also receives 50 percent of all royalties, rents, and bonuses generated from the National Petroleum Reserve Alaska (table 30).

### **Acquired Lands**

The MMS collects all royalties, rents, and bonuses from leases issued under the Mineral Leasing Act for Acquired Lands of 1947, 30 U.S.C. 35 *et seq.*, on behalf of a number of Federal agencies. Revenues are disbursed according to laws applicable to the lands (table 30).

Seventy-five percent of mineral receipts from leases on acquired lands within a national forest administered by the U.S. Department of Agriculture (USDA) is distributed to the General Fund of the Treasury. The remaining 25 percent is distributed to the State in which the lease is located (table 30).

Seventy-five percent of mineral revenues from leases on acquired lands within a national grassland administered by USDA is distributed to the General Fund of the Treasury. The remaining 25 percent is distributed to the county in which the lease is located (table 30).

Seventy-five percent of mineral receipts from acquired Flood Control Act lands administered by the U.S. Army Corps of Engineers (COE) is distributed to the State in which the lease is located. The remaining 25 percent is distributed to the General Fund of the Treasury (table 30).

Mineral revenues derived from leases on acquired National Wildlife Refuge lands are shared with the county in which the lease is located, according to one of three alternative formulas prescribed by statute. The remainder is deposited in the General Fund of the Treasury (table 30).

All mineral receipts generated from leases on acquired reclamation project lands are paid to the Reclamation Fund (table 30).

Mineral revenues collected from leases on acquired military lands issued before 1981 are deposited in the General Fund of the Treasury. Revenues collected from leases issued beginning January 1, 1981, are disbursed in the same manner as revenues from public domain leases (table 30).

Receipts from other acquired lands are deposited in a general Treasury account (table 30).

The COE and USDA distributed revenues from acquired lands under their jurisdiction to the States through the end of FY 1992. The MMS assumed distribution of acquired land revenues to the States from lands administered by COE and from national forests administered by USDA beginning in FY 1993. The USDA continued to distribute revenues to the States from acquired grasslands (table 32).

### **Indian Lands**

The BIA collects bonuses and rents from nonproducing leases. The MMS disburses mineral royalties and rents from producing Indian Tribal and allotted leases to OTFM. The BIA subsequently makes disbursements to Tribes and to individual Indian allottees, with the following exceptions:

- Oil and gas payments to four Tribes—the Jicarilla Apache, the Blackfeet, the Navajo, and the Southern Ute—are made directly by the lease payor to financial institutions contracted by the Tribes to receive their mineral payments.
- The BIA has authorized payors to make direct payments to selected individual Indian allottees.
- The Osage Nation manages all mineral leases on its Tribal lands and collects its own revenues.
- Solid mineral royalties are paid directly to the applicable Tribes or to a designated BIA office.

### **Alaska Native Lands**

Payments to the Cook Inlet Region, Inc., in Alaska on behalf of Alaskan Natives for the interests the region holds in several former Federal leases, are made directly by lease payors to the corporation.



**Preliminary****Table 30. Formulas for the disbursement of revenues from Federal and Indian mineral leases**


---

<b><u>Outer Continental Shelf Lands</u></b>	
<b>Special-Purpose Accounts</b>	<p>\$150 million per year to the Historic Preservation Fund.</p> <p>Up to \$900 million per year to the Land and Water Conservation Fund.</p>
<b>States</b>	<p>Section 8(g) of the Outer Continental Shelf Lands Act, as amended, provides for the following distribution of revenues to the States:</p> <ul style="list-style-type: none"> <li>• Disbursement of escrow funds in FY 1986-87;</li> <li>• A series of annual settlement payments disbursed to the States over a 15-year period from FY 1987 to FY 2001; and</li> <li>• Recurring annual disbursements of 27 percent of royalty, rent, and bonus revenues received within each affected State's 8(g) zone.</li> </ul>
<b>U.S. Treasury</b>	<p>The balance of revenues are directed to the General Fund of the U.S. Treasury.</p>

**Public Domain Lands Other Than Alaska**

<b>Special-Purpose Accounts</b>	40 percent to the Reclamation Fund.
<b>States</b>	50 percent to the State in which the lease is located.
<b>U.S. Treasury</b>	10 percent to the General Fund of the U.S. Treasury.

**Public Domain Lands - Alaska**

<b>States</b>	90 percent to the State of Alaska.
<b>U.S. Treasury</b>	10 percent to the General Fund of the U.S. Treasury.

## Preliminary

**Table 30. Formulas for the disbursement of revenues from Federal and Indian mineral leases (cont.)**

---

**Public Domain Lands - National Petroleum Reserve Alaska**

**States** 50 percent to the State of Alaska.

**U.S. Treasury** 50 percent to the General Fund of the U.S. Treasury.

**Acquired Lands - National Forests**

**States** 25 percent to the State in which the lease is located.

**U.S. Treasury** 75 percent to the General Fund of the U.S. Treasury.

**Acquired Lands - National Grasslands**

**Counties** 25 percent to the county in which the lease is located.

**U.S. Treasury** 75 percent to the General Fund of the U.S. Treasury.

**Acquired Flood Control Act Lands Administered by U.S. Army Corps of Engineers**

**States** 75 percent to the State in which the lease is located.

**U.S. Treasury** 25 percent to the General Fund of the U.S. Treasury.

**Acquired Lands - National Wildlife Refuges**

**Counties** Revenues disbursed according to one of three alternative formulas prescribed by statute.

**U.S. Treasury** Remainder to the General Fund of the U.S. Treasury.

**Preliminary****Table 30. Formulas for the disbursement of revenues from Federal and Indian mineral leases (cont.)****Acquired Reclamation Project Lands Administered by the Bureau of Reclamation**

**Special-Purpose Accounts** 100 percent to the Reclamation Fund.

**Acquired Military Lands - Leases Issued Before 1981**

**U.S. Treasury** 100 percent to the General Fund of the U.S. Treasury.

**Acquired Military Lands - Leases Issued Beginning January 1, 1981**

**Special-Purpose Accounts** 40 percent to the Reclamation Fund.

**States** 50 percent to the State in which the lease is located.

**U.S. Treasury** 10 percent to the General Fund of the U.S. Treasury.

**Acquired Lands - Other**

**U.S. Treasury** 100 percent to the General Fund of the U.S. Treasury.

**Alaska Native Lands - Cook Inlet Region, Inc.**

**Alaskan Natives** 100 percent of Alaskan Native shares to Cook Inlet Region, Inc.

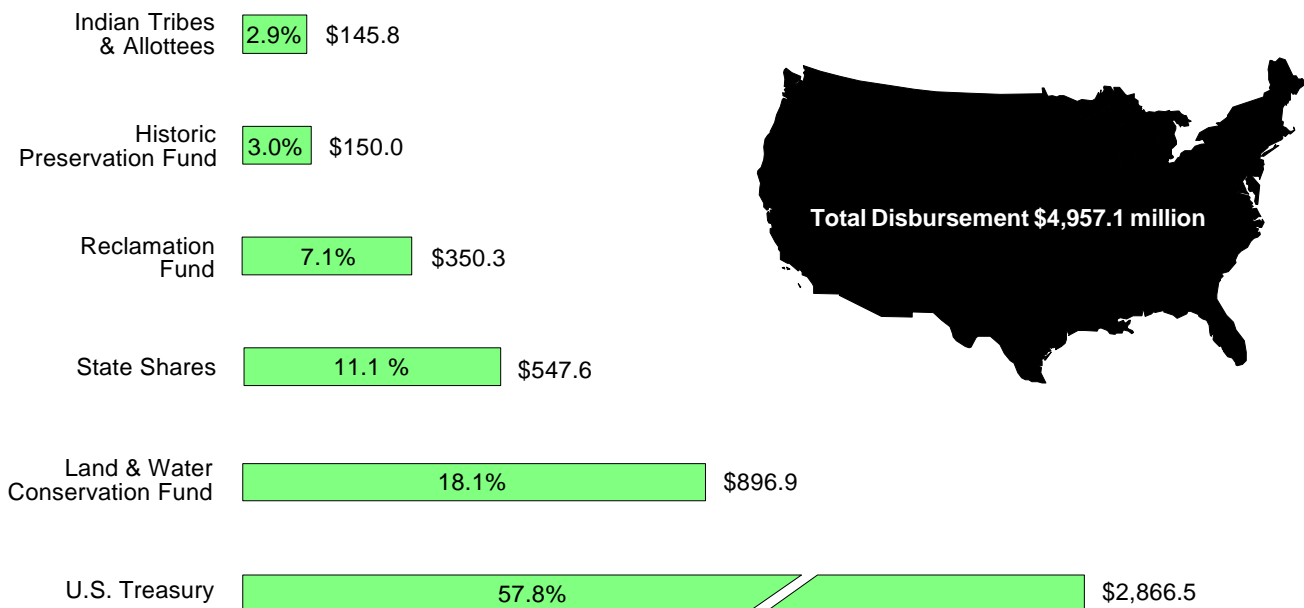
**Indian Lands**

**Indian Tribes and Allottees** 100 percent to Indian Tribes and allottees.

## Preliminary

**Table 31. Disbursement of Federal and Indian mineral lease revenues, Fiscal Years 1982-96**

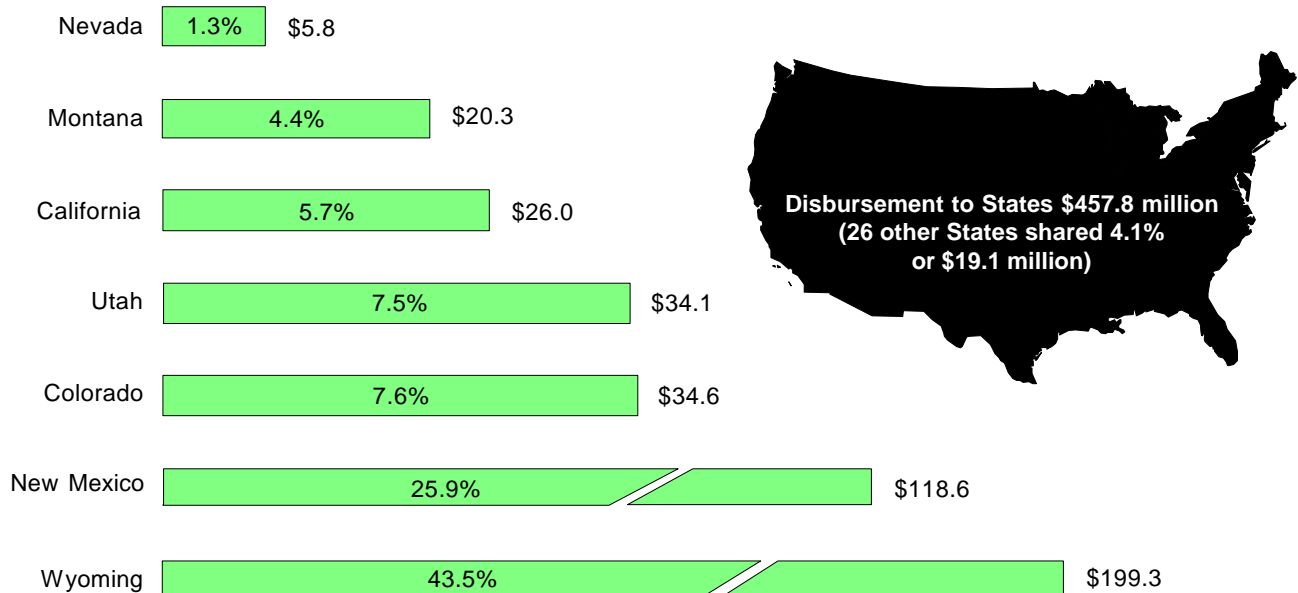
	Revenues in Thousands of Dollars						Total
	Historic Preserve Fund	Land & Water Conserve Fund	Reclamation Fund	Indian Tribes & Allottees	State Share	U.S. Treasury	
1982 . . . . .	\$ 150,000	\$ 825,950	\$ 435,688	\$ 203,000	\$ 609,660	\$ 5,476,020	\$ 7,700,318
1983 . . . . .	150,000	814,693	391,891	169,600	454,359	9,582,227	11,562,770
1984 . . . . .	150,000	789,421	414,868	163,932	542,646	5,848,044	7,908,911
1985 . . . . .	150,000	784,279	415,688	160,479	548,937	4,744,317	6,803,700
1986 . . . . .	150,000	755,224	339,624	122,865	1,390,632	4,983,055	7,741,400
1987 . . . . .	150,000	823,576	265,294	100,499	990,113	4,030,979	6,360,461
1988 . . . . .	150,000	859,761	317,505	125,351	767,623	2,627,721	4,847,961
1989 . . . . .	150,000	862,761	337,865	121,954	480,272	2,006,837	3,959,689
1990 . . . . .	150,000	843,765	353,708	141,086	501,207	2,102,576	4,092,342
1991 . . . . .	150,000	885,000	368,474	164,310	524,207	2,291,085	4,383,076
1992 . . . . .	150,000	887,926	328,081	170,378	500,866	1,624,864	3,662,115
1993 . . . . .	150,000	900,000	366,593	164,385	543,717	1,945,730	4,070,425
1994 . . . . .	150,000	862,208	410,751	172,132	606,510	2,141,755	4,343,356
1995 . . . . .	150,000	896,987	367,284	153,319	553,012	1,541,048	3,661,650
1996 . . . . .	150,000	896,906	350,264	145,791	547,625	2,866,509	4,957,095
<b>Total . .</b>	<b>\$2,250,000</b>	<b>\$12,688,457</b>	<b>\$5,463,578</b>	<b>\$2,279,081</b>	<b>\$9,561,386</b>	<b>\$53,812,767</b>	<b>\$86,055,269</b>

**Figure 40. Disbursement of mineral revenues, in millions, from Federal and Indian leases, Fiscal Year 1996**

**Preliminary****Table 32. Summary of mineral revenues distributed to other Federal agencies by the Minerals Management Service from Federal onshore acquired lands, Fiscal Years 1985-96**

	U.S. Army Corps of Engineers	U.S. Department of Agriculture
1985. ....	\$ 2,563,572	\$ 73,531,777
1986. ....	2,470,295	39,694,197
1987. ....	1,313,384	47,591,946
1988. ....	621,309	44,717,622
1989. ....	2,002,190	91,939,261
1990. ....	2,887,861	54,693,426
1991. ....	1,181,910	37,184,243
1992. ....	1,420,404	22,336,570
1993. ....	---	18,075,994
1994. ....	---	13,994,072
1995. ....	---	18,675,702
1996. ....	---	15,648,918
<b>Total . . . . .</b>	<b>\$14,460,925</b>	<b>\$478,083,728</b>

NOTE: The U.S. Army Corps of Engineers (COE) and the U.S. Department of Agriculture (USDA) distributed revenues from acquired lands under their jurisdiction to the States through the end of Fiscal Year (FY) 1992. Beginning in FY 1993, the Minerals Management Service assumed distribution of acquired land revenues to the States from lands administered by COE and from national forests administered by USDA. The USDA continued to distribute revenues to the States from acquired grasslands.

**Figure 41. Disbursement to States of royalties and other revenues from Federal onshore leases, in millions, Fiscal Year 1996**

**Preliminary****Table 33. Summary of mineral revenues distributed to States from Federal mineral leases by revenue type, Fiscal Year 1996**

	Coal Royalties	Gas Royalties	Oil Royalties	Other Royalties	Royalties Subtotal
<b>Alabama</b>					
Offshore	\$ ---	\$9,736,722	\$ 5,237	\$ 27,534	\$ 9,769,493
Onshore	48,518	130,605	84,289	1,149	264,561
Total	48,518	9,867,327	89,526	28,683	10,034,054
<b>Alaska</b>					
Offshore	---	---	---	---	---
Onshore	---	3,131,035	2,400,326	(62,650)	5,468,711
Total	---	3,131,035	2,400,326	(62,650)	5,468,711
<b>Arizona</b>					
Onshore	---	---	---	---	---
<b>Arkansas</b>					
Onshore	---	803,839	2,297	564	806,700
<b>California</b>					
Offshore	---	115,287	4,621,548	38,570	4,775,405
Onshore	---	1,344,033	12,968,696	12,420,140	26,732,869
Total	---	1,459,320	17,590,244	12,458,710	31,508,274
<b>Colorado</b>					
Onshore	13,835,110	5,837,495	6,854,925	5,290,533	31,818,063
<b>Florida</b>					
Offshore	---	---	---	---	---
Onshore	---	---	---	14,689	14,689
Total	---	---	---	14,689	14,689
<b>Idaho</b>					
Onshore	---	---	---	2,233,232	2,233,232
<b>Illinois</b>					
Onshore	---	---	77,436	9,463	86,899
<b>Indiana</b>					
Onshore	---	---	---	---	---
<b>Kansas</b>					
Onshore	---	860,167	111,930	44,256	1,016,353
<b>Kentucky</b>					
Onshore	68,135	25,843	1,076	---	95,054
<b>Louisiana</b>					
Offshore	---	7,903,236	3,537,112	130,862	11,571,210
Onshore	---	186,669	390,817	23,896	601,382
Total	---	8,089,905	3,927,929	154,758	12,172,592

**Preliminary****Table 33. Summary of mineral revenues distributed to States from Federal mineral leases by revenue type, Fiscal Year 1996 (cont.)**

Rents	Bonuses	Other Revenues	Net Receipts Sharing	Total Disbursement	
					<b>Alabama</b>
\$ 19,201	\$ 124,382	\$ 900,423	\$ ---	\$10,813,499	Offshore
35,865	---	(73,799)	(29,925)	196,702	Onshore
55,066	124,382	826,624	(29,925)	11,010,201	Total
					<b>Alaska</b>
46,788	---	9,481,266	---	9,528,054	Offshore
42,068	---	(211,243)	(629,471)	4,670,065	Onshore
88,856	---	9,270,023	(629,471)	14,198,119	Total
					<b>Arizona</b>
23,239	---	24,000	(6,479)	40,760	Onshore
					<b>Arkansas</b>
89,463	79,984	3,216	(59,418)	919,945	Onshore
					<b>California</b>
(429)	---	20,190,545	---	24,965,521	Offshore
176,314	18,224	973,315	(1,885,989)	26,014,733	Onshore
175,885	18,224	21,163,860	(1,885,989)	50,980,254	Total
					<b>Colorado</b>
1,628,061	2,052,018	1,723,285	(2,658,402)	34,563,025	Onshore
					<b>Florida</b>
10,194	---	---	---	10,194	Offshore
16,950	---	1,699	(6,379)	26,959	Onshore
27,144	---	1,699	(6,379)	37,153	Total
					<b>Idaho</b>
7,731	21,737	72,931	(177,085)	2,158,546	Onshore
					<b>Illinois</b>
3,352	---	114	(10,869)	79,496	Onshore
					<b>Indiana</b>
104	---	---	---	104	Onshore
					<b>Kansas</b>
6,405	---	137,321	(66,491)	1,093,588	Onshore
					<b>Kentucky</b>
5,246	1,858	14,738	(4,616)	112,280	Onshore
					<b>Louisiana</b>
292,445	4,666,400	6,592,185	---	23,122,240	Offshore
110,472	258,308	25,318	(52,271)	943,209	Onshore
402,917	4,924,708	6,617,503	(52,271)	24,065,449	Total

**Preliminary****Table 33. Summary of mineral revenues distributed to States from Federal mineral leases by revenue type, Fiscal Year 1996 (cont.)**

	Coal Royalties	Gas Royalties	Oil Royalties	Other Royalties	Royalties Subtotal
<b>Michigan</b>					
Onshore	\$ ---	\$ 629,601	\$ 67,130	\$ 17,268	\$ 713,999
<b>Minnesota</b>					
Onshore	---	---	---	---	---
<b>Mississippi</b>					
Offshore	---	387,897	23	---	387,920
Onshore	---	69,522	321,632	---	391,154
Total	---	457,419	321,655	---	779,074
<b>Missouri</b>					
Onshore	---	---	---	1,232,367	1,232,367
<b>Montana</b>					
Onshore	17,267,227	1,174,541	2,307,001	46,487	20,795,256
<b>Nebraska</b>					
Onshore	---	---	12,165	---	12,165
<b>Nevada</b>					
Onshore	---	---	998,594	2,845,649	3,844,243
<b>New Mexico</b>					
Onshore	10,726,305	67,870,594	27,274,485	7,993,528	113,864,912
<b>North Carolina</b>					
Onshore	---	---	---	---	---
<b>North Dakota</b>					
Onshore	461,432	181,488	1,777,268	17,331	2,437,519
<b>Ohio</b>					
Onshore	---	155,750	25,170	---	180,920
<b>Oklahoma</b>					
Onshore	214,091	1,150,902	158,194	8,461	1,531,648
<b>Oregon</b>					
Onshore	---	---	---	---	---
<b>Pennsylvania</b>					
Onshore	---	19,224	2,361	---	21,585
<b>South Carolina</b>					
Onshore	---	---	---	---	---



**Preliminary****Table 33. Summary of mineral revenues distributed to States from Federal mineral leases by revenue type, Fiscal Year 1996 (cont.)**

Rents	Bonuses	Other Revenues	Net Receipts Sharing	Total Disbursement	
\$ 18,057	\$ ---	\$ 30,699	\$ (60,428)	\$ 702,327	<b>Michigan</b> Onshore
(11,582)	---	18,296	(589)	6,125	<b>Minnesota</b> Onshore
4,587	---	153,314	---	545,821	<b>Mississippi</b> Offshore
94,737	85,726	2,864	(23,625)	550,856	Onshore
99,324	85,726	156,178	(23,625)	1,096,677	Total
2,875	---	6,987	(36,732)	1,205,497	<b>Missouri</b> Onshore
601,510	345,010	373,429	(1,844,125)	20,271,080	<b>Montana</b> Onshore
1,162	51	1,936	(1,056)	14,258	<b>Nebraska</b> Onshore
2,103,710	304,859	78,594	(572,130)	5,759,276	<b>Nevada</b> Onshore
1,274,265	5,592,591	3,711,087	(5,846,857)	118,595,998	<b>New Mexico</b> Onshore
---	---	119	(15)	104	<b>North Carolina</b> Onshore
89,550	123,025	(87,912)	(192,587)	2,369,595	<b>North Dakota</b> Onshore
6,220	4,095	481	(26,227)	165,489	<b>Ohio</b> Onshore
67,918	192,282	76,585	(148,901)	1,719,532	<b>Oklahoma</b> Onshore
(30,620)	---	99,690	(3,275)	65,795	<b>Oregon</b> Onshore
283	---	2,231	(2,511)	21,588	<b>Pennsylvania</b> Onshore
138	---	1	---	139	<b>South Carolina</b> Onshore

**Preliminary****Table 33. Summary of mineral revenues distributed to States from Federal mineral leases by revenue type, Fiscal Year 1996 (cont.)**

	Coal Royalties	Gas Royalties	Oil Royalties	Other Royalties	Royalties Subtotal
<b>South Dakota</b>					
Onshore	\$ ---	\$ 21,044	\$ 266,142	\$ ---	\$ 287,186
<b>Tennessee</b>					
Onshore	---	76	---	---	76
<b>Texas</b>					
Offshore	---	8,192,268	324,981	113,001	8,630,250
Onshore	---	30,009	308,791	71,241	410,041
Total	---	8,222,277	633,772	184,242	9,040,291
<b>Utah</b>					
Onshore	18,590,501	3,806,751	4,297,435	422,061	27,116,748
<b>Virginia</b>					
Onshore	---	88,945	---	5,534	94,479
<b>Washington</b>					
Onshore	479,290	---	---	---	479,290
<b>West Virginia</b>					
Onshore	---	129,652	1,255	---	130,907
<b>Wisconsin</b>					
Onshore	---	---	---	---	---
<b>Wyoming</b>					
Onshore	<u>87,959,585</u>	<u>33,377,469</u>	<u>39,715,039</u>	<u>10,532,722</u>	<u>171,584,815</u>
Offshore Total	\$ ---	\$ 26,335,410	\$ 8,488,901	\$ 309,967	\$ 35,134,278
Onshore Total	<u>\$149,650,194</u>	<u>\$121,025,254</u>	<u>\$100,424,454</u>	<u>\$43,167,921</u>	<u>\$414,267,823</u>
Offshore and Onshore Total	\$149,650,194	\$147,360,664	\$108,913,355	\$43,477,888	\$449,402,101

**Preliminary****Table 33. Summary of mineral revenues distributed to States from Federal mineral leases by revenue type, Fiscal Year 1996 (cont.)**

Rents	Bonuses	Other Revenues	Net Receipts Sharing	Total Disbursement	
					<b>South Dakota</b>
\$ 123,917	\$ 273,466	\$ 7,686	\$ (57,924)	\$ 634,331	Onshore
					<b>Tennessee</b>
---	---	---	---	76	Onshore
					<b>Texas</b>
209,000	2,076,713	9,969,334	---	20,885,297	Offshore
107,316	138,383	20,377	(28,563)	647,554	Onshore
<u>316,316</u>	<u>2,215,096</u>	<u>9,989,711</u>	<u>(28,563)</u>	<u>21,532,851</u>	Total
					<b>Utah</b>
2,142,435	6,419,910	771,176	(2,333,842)	34,116,427	Onshore
					<b>Virginia</b>
3,755	---	649	(8,860)	90,023	Onshore
					<b>Washington</b>
10,130	---	6,586	(27,606)	468,400	Onshore
					<b>West Virginia</b>
22,604	---	58,732	(15,191)	197,052	Onshore
					<b>Wisconsin</b>
931	---	(1)	(32)	898	Onshore
					<b>Wyoming</b>
<u>7,632,775</u>	<u>26,716,333</u>	<u>288,193</u>	<u>(6,889,309)</u>	<u>199,332,807</u>	Onshore
<b>\$ 581,786</b>	<b>\$ 6,867,495</b>	<b>\$47,287,067</b>	<b>\$ ---</b>	<b>\$ 89,870,626</b>	<b>Offshore Total</b>
<b><u>\$16,407,356</u></b>	<b><u>\$42,627,860</u></b>	<b><u>\$ 8,159,380</u></b>	<b><u>\$(23,707,780)</u></b>	<b><u>\$457,754,639</u></b>	<b>Onshore Total</b>
<b>\$16,989,142</b>	<b>\$49,495,355</b>	<b>\$55,446,447</b>	<b>\$(23,707,780)</b>	<b>\$547,625,265</b>	<b>Offshore and Onshore Total</b>

NOTE: The offshore royalty subtotal in table 33 includes only production royalties for oil, gas, and other commodities. Offshore minimum royalties in table 33 are listed under "Other Revenues." Offshore royalty figures in table 35 include both production royalties and minimum royalties. The offshore royalty figures in table 35 will subsequently not equal the offshore royalty subtotals in table 33.

As indicated, "Other Revenues" in table 33 include minimum royalties; however, other revenue sources are also represented, including settlement payments, gas storage fees, estimated payments, and recoupments.

"Net Receipts Sharing" represents administrative costs withheld from State distributions under the provisions of Public Law 103-66.

**Preliminary****Table 34. Summary of mineral revenues distributed to States by the Bureau of Land Management and Minerals Management Service from Federal onshore mineral leases, Fiscal Years 1920-96**

	State Shares in Thousands of Dollars					
	1920-86	1987	1988	1989	1990	1991
Alabama	\$ 1,824	\$ 152	\$ 89	\$ 221	\$ 991	\$ 129
Alaska	272,205	13,044	8,042	9,429	8,048	9,953
Arizona	24,657	529	386	242	174	173
Arkansas	26,261	309	517	7,775	876	2,109
California	391,923	27,829	25,526	24,412	28,583	27,936
Colorado	497,314	37,033	31,176	32,616	36,356	57,944
Florida	1,017	28	4	186	56	49
Idaho	37,121	1,364	2,340	1,935	1,969	1,893
Illinois	---	---	---	---	---	---
Kansas	10,777	1,359	929	830	1,226	921
Kentucky	---	---	---	---	---	---
Louisiana	11,041	517	545	452	542	328
Michigan	724	56	173	668	724	669
Minnesota*	7	3	2	---	---	---
Mississippi	9,895	184	104	74	86	115
Missouri	---	---	---	---	---	---
Montana	207,704	27,407	26,068	19,958	20,318	23,227
Nebraska	2,012	170	156	115	127	---
Nevada	89,294	5,136	6,266	9,287	9,283	9,228
New Mexico	1,359,540	75,478	91,698	88,306	100,120	107,844
North Carolina	---	---	---	---	---	---
North Dakota	61,045	6,814	5,738	4,985	5,065	5,977
Ohio*	3	---	---	5	13	3
Oklahoma	24,003	1,596	1,621	1,912	1,817	1,716
Oregon	15,067	687	565	291	371	260
Pennsylvania	---	---	---	---	---	---
South Carolina	---	---	---	---	---	---
South Dakota	11,577	905	822	669	695	592
Tennessee*	13	---	---	---	---	---
Texas*	30	7	8	5	114	22
Utah	363,288	24,235	30,624	53,035	33,304	32,255
Virginia	---	18	18	20	20	19
Washington	3,314	280	232	208	155	231
West Virginia	28	---	---	---	---	---
Wisconsin*	---	1	1	---	---	---
Wyoming	<u>1,792,175</u>	<u>151,889</u>	<u>163,908</u>	<u>175,786</u>	<u>201,151</u>	<u>196,931</u>
<b>Total</b>	<b>\$5,213,859</b>	<b>\$377,030</b>	<b>\$397,558</b>	<b>\$433,422</b>	<b>\$452,184</b>	<b>\$480,524</b>

**Preliminary****Table 34. Summary of mineral revenues distributed to States by the Bureau of Land Management and Minerals Management Service from Federal onshore mineral leases, Fiscal Years 1920-96 (cont.)**

State Shares in Thousands of Dollars						
1992	1993	1994	1995	1996	1920-96	
\$ 996	\$ 808	\$ 296	\$ 442	\$ 197	\$ 6,145	Alabama
7,745	6,940	5,377	4,584	4,670	350,037	Alaska
124	97	94	112	41	26,629	Arizona
2,556	1,538	1,201	832	920	44,894	Arkansas
24,311	22,084	21,544	25,467	26,015	645,630	California
44,558	35,916	34,372	35,576	34,563	877,424	Colorado
79	102	81	87	27	1,716	Florida
1,625	2,237	2,509	2,361	2,159	57,513	Idaho
---	191	207	94	79	571	Illinois
1,113	1,325	1,057	871	1,094	21,502	Kansas
---	87	70	73	112	342	Kentucky
376	782	532	728	943	16,786	Louisiana
764	698	753	885	702	6,816	Michigan
---	2	25	17	6	62	Minnesota*
10	739	486	577	551	12,821	Mississippi
---	475	599	1,013	1,205	3,292	Missouri
18,998	22,378	23,995	24,623	20,271	434,947	Montana
---	---	6	14	14	2,614	Nebraska
7,957	8,316	7,542	8,136	5,759	166,204	Nevada
102,594	135,117	143,174	119,203	118,596	2,441,670	New Mexico
---	1	1	1	---	3	North Carolina
5,199	3,325	2,505	2,490	2,370	105,513	North Dakota
3	351	207	243	165	993	Ohio*
1,243	2,778	1,970	1,842	1,720	42,218	Oklahoma
131	83	56	48	66	17,625	Oregon
---	20	18	22	22	82	Pennsylvania
---	---	1	2	---	3	South Carolina
509	483	348	800	634	18,034	South Dakota
---	1	---	---	---	14	Tennessee*
97	350	515	455	648	2,251	Texas*
32,062	31,195	31,074	31,106	34,116	696,294	Utah
19	151	118	89	90	562	Virginia
887	458	123	371	468	6,727	Washington
---	264	261	197	197	947	West Virginia
---	2	---	1	1	6	Wisconsin*
<u>178,518</u>	<u>186,956</u>	<u>242,066</u>	<u>214,182</u>	<u>199,333</u>	<u>3,702,895</u>	Wyoming
<b>\$432,474</b>	<b>\$466,250</b>	<b>\$523,183</b>	<b>\$477,544</b>	<b>\$457,754</b>	<b>\$9,711,782</b>	<b>Total</b>

\*Cumulative totals for these States may not include small-revenue shares that were disbursed during the previous decades.

NOTE: Figures represent actual payments to the States and not allocations. Mandated distributions to the States are based on percentage shares of royalties, rents, bonuses, and other mineral revenue collections. Beginning with Fiscal Year (FY) 1986, figures include interest accrued for late disbursements to the States. Beginning with FY 1991, figures represent payments to the States after the deduction of administrative costs required under the provisions of Public Law 103-66. Beginning with FY 1993, figures include distributions from acquired lands administered by the U.S. Army Corps of Engineers and from national forests administered by the U.S. Department of Agriculture.

SOURCE: Bureau of Land Management and Minerals Management Service, Department of the Interior.

## Preliminary

**Table 35. Distribution of OCS rents, bonuses, royalties, escrow funds, and settlement payments under the provisions of the OCS Lands Act as amended, Fiscal Years 1986-96**

	1986-93	1994	1995	1996	1986-96
<b>Alabama</b>					
Bonuses . . . . .	\$ 819,374	\$ ---	\$ ---	\$ 124,382	\$ 943,756
Rents . . . . .	465,686	19,613	11,819	19,201	516,319
Royalties . . . . .	9,451,024	7,920,004	6,822,431	10,179,916	34,373,375
Section 8(g) Escrow . . . .	66,000,000	---	---	---	66,000,000
Settlement Payments . . .	<u>2,030,000</u>	<u>490,000</u>	<u>490,000</u>	<u>490,000</u>	<u>3,500,000</u>
<b>Total . . . . .</b>	<b>\$ 78,766,084</b>	<b>\$ 8,429,617</b>	<b>\$ 7,324,250</b>	<b>\$10,813,499</b>	<b>\$105,333,450</b>
<b>Alaska</b>					
Bonuses . . . . .	\$ 1,690,277	\$ ---	\$ ---	\$ ---	\$ 1,690,277
Rents . . . . .	2,819,097	120,967	49,058	40,235	3,029,357
Royalties . . . . .	8,683	8,810	8,882	101,266	127,641
Section 7 Escrow . . . . .	322,900,000	---	---	---	322,900,000
Section 7 Rents . . . . .	359,131	8,348	6,553	6,533	380,585
Section 8(g) Escrow . . . .	51,000,000	---	---	---	51,000,000
Settlement Payments . . .	<u>38,860,000</u>	<u>9,380,000</u>	<u>9,380,000</u>	<u>9,380,000</u>	<u>67,000,000</u>
<b>Total . . . . .</b>	<b>\$417,637,188</b>	<b>\$ 9,518,125</b>	<b>\$ 9,444,493</b>	<b>\$ 9,528,054</b>	<b>\$446,127,860</b>
<b>California</b>					
Bonuses . . . . .	\$ 9	\$ ---	\$ ---	\$ ---	\$ 9
Rents . . . . .	779,466	15,643	1,564	(429)	796,244
Royalties . . . . .	17,024,111	3,961,747	5,160,390	4,735,950	30,882,198
Section 8(g) Escrow . . . .	338,000,000	---	---	---	338,000,000
Settlement Payments . . .	<u>83,810,000</u>	<u>20,230,000</u>	<u>20,230,000</u>	<u>20,230,000</u>	<u>144,500,000</u>
<b>Total . . . . .</b>	<b>\$439,613,586</b>	<b>\$24,207,390</b>	<b>\$25,391,954</b>	<b>\$24,965,521</b>	<b>\$514,178,451</b>
<b>Florida</b>					
Bonuses . . . . .	\$ 2,216,037	\$ ---	\$ ---	\$ ---	\$ 2,216,037
Rents . . . . .	115,472	14,307	11,194	10,194	151,167
Royalties . . . . .	---	---	---	---	---
Section 8(g) Escrow . . . .	30,000	---	---	---	30,000
Settlement Payments . . .	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>
<b>Total . . . . .</b>	<b>\$ 2,361,509</b>	<b>\$ 14,307</b>	<b>\$ 11,194</b>	<b>\$ 10,194</b>	<b>\$ 2,397,204</b>

**Preliminary****Table 35. Distribution of OCS rents, bonuses, royalties, escrow funds, and settlement payments under the provisions of the OCS Lands Act as amended, Fiscal Years 1986-96 (cont.)**

	1986-93	1994	1995	1996	1986-96
<b>Louisiana</b>					
Bonuses . . . . .	\$ 23,427,519	\$ 1,913,682	\$ 890,002	\$ 4,666,400	\$ 30,897,603
Rents . . . . .	2,316,582	1,016,932	255,213	292,445	3,881,172
Royalties . . . . .	121,566,960	11,780,932	8,012,718	12,283,395	153,644,005
Section 8(g) Escrow . . . .	572,000,000	---	---	---	572,000,000
Settlement Payments . . .	<u>24,360,000</u>	<u>5,880,000</u>	<u>5,880,000</u>	<u>5,880,000</u>	<u>42,000,000</u>
<b>Total . . . . .</b>	<b>\$ 743,671,061</b>	<b>\$20,591,546</b>	<b>\$15,037,933</b>	<b>\$23,122,240</b>	<b>\$ 802,422,780</b>
<b>Mississippi</b>					
Bonuses . . . . .	\$ 28,123	\$ ---	\$ ---	\$ ---	\$ 28,123
Rents . . . . .	117,429	4,587	4,587	4,587	131,190
Royalties . . . . .	81,897	307,359	127,258	401,234	917,748
Section 8(g) Escrow . . . .	14,000,000	---	---	---	14,000,000
Settlement Payments . . .	<u>580,000</u>	<u>140,000</u>	<u>113,787</u>	<u>140,000</u>	<u>973,787</u>
<b>Total. . . . .</b>	<b>\$ 14,807,449</b>	<b>\$ 451,946</b>	<b>\$ 245,632</b>	<b>\$ 545,821</b>	<b>\$ 16,050,848</b>
<b>Texas</b>					
Bonuses . . . . .	\$ 14,755,953	\$ 325,148	\$ 477,685	\$ 2,076,713	\$ 17,635,499
Rents . . . . .	2,093,186	136,300	640,452	209,000	3,078,938
Royalties . . . . .	100,182,652	10,273,031	7,514,147	9,219,584	127,189,414
Section 8(g) Escrow . . . .	382,000,000	---	---	---	382,000,000
Settlement Payments . . .	<u>38,860,000</u>	<u>9,380,000</u>	<u>9,380,000</u>	<u>9,380,000</u>	<u>67,000,000</u>
<b>Total . . . . .</b>	<b>\$ 537,891,791</b>	<b>\$20,114,479</b>	<b>\$18,012,284</b>	<b>\$20,885,297</b>	<b>\$ 596,903,851</b>
<b>OCS Totals</b>					
Bonuses . . . . .	\$ 42,937,292	\$ 2,238,830	\$ 1,367,687	\$ 6,867,495	\$ 53,411,304
Rents . . . . .	8,706,918	1,328,349	973,887	575,233	11,584,387
Royalties . . . . .	248,315,327	34,251,883	27,645,826	36,921,345	347,134,381
Section 7 Escrow . . . . .	322,900,000	---	---	---	322,900,000
Section 7 Rents. . . . .	359,131	8,348	6,553	6,553	380,585
Section 8(g) Escrow . . . .	1,423,030,000	---	---	---	1,423,030,000
Settlement Payments . . .	<u>188,500,000</u>	<u>45,500,000</u>	<u>45,473,787</u>	<u>45,500,000</u>	<u>324,973,787</u>
<b>Total . . . . .</b>	<b>\$2,234,748,668</b>	<b>\$83,327,410</b>	<b>\$75,467,740</b>	<b>\$89,870,626</b>	<b>\$2,483,414,444</b>

# Preliminary

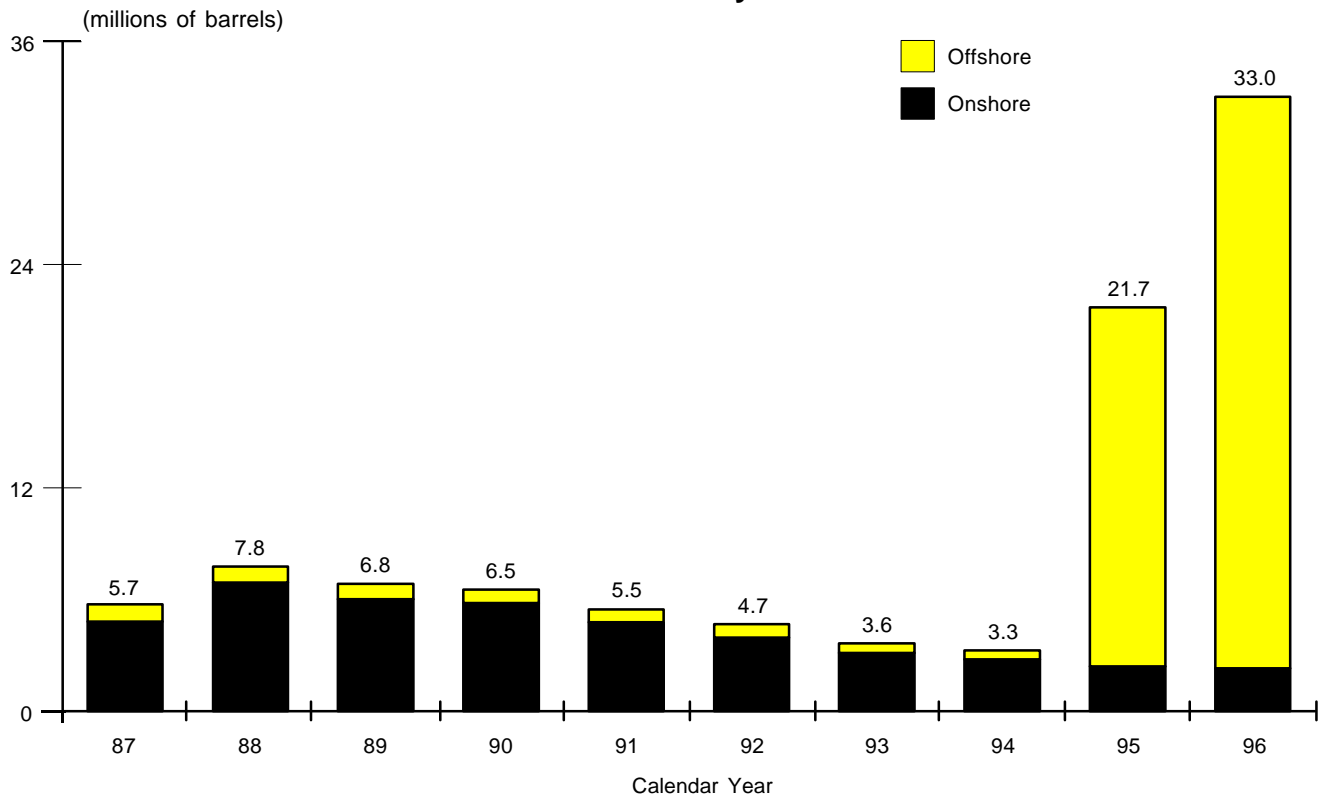


Figure 42. Royalty-in-kind barrels of oil sold by land category, 1987-96

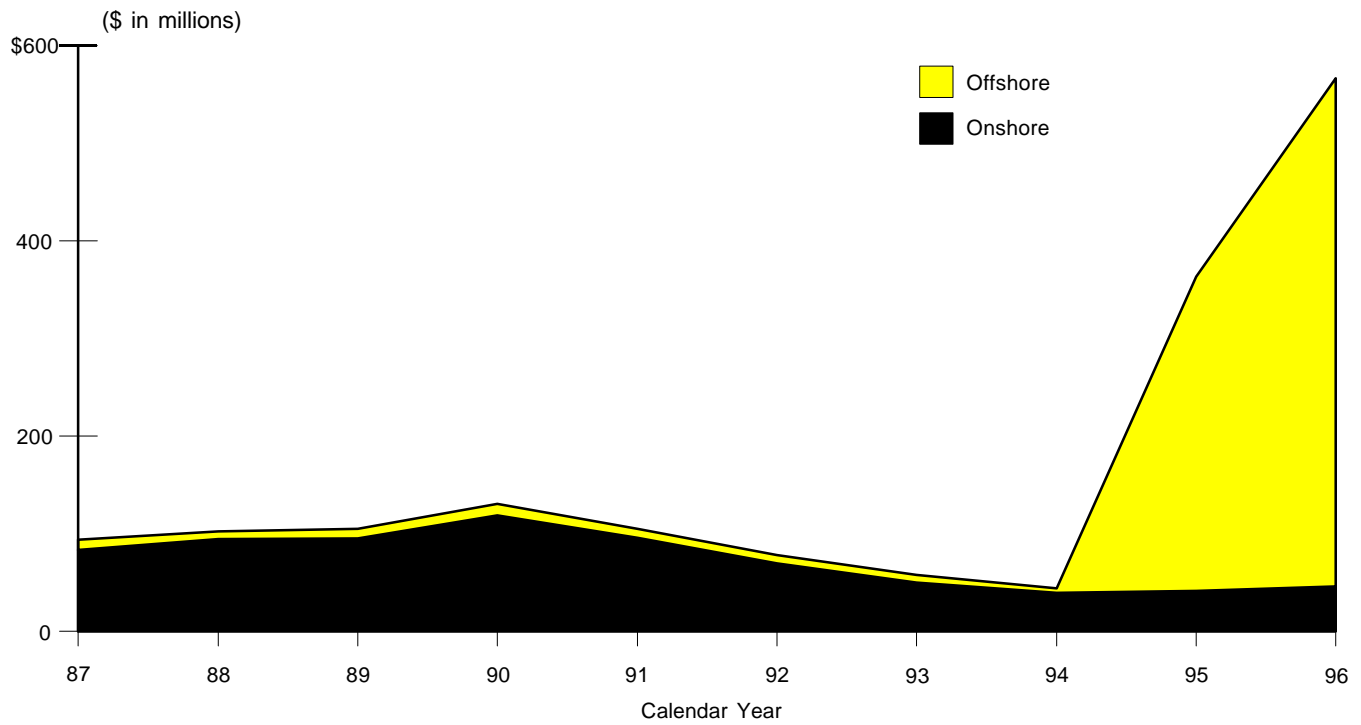


Figure 43. Royalty-in-kind oil royalty value by land category, 1987-96



# Royalty-In-Kind

Under the Mineral Leasing Act of 1920 and the Outer Continental Shelf Lands Act of 1953, the Federal Government, as lessor, may take part or all of its oil and gas royalties “in kind.” The Secretary of the Interior, exercising discretionary authority, has historically determined that certain oil refiners do not have access to a secure supply of crude. The Federal Government may direct Federal lessees to pay their royalty shares in crude oil, rather than “in value” as cash. The Federal Government then sells the royalty-in-kind (RIK) oil to eligible refiners at a price consistent with applicable laws and regulations. Contracts with the refiners are usually made for a period of 3 years.

Four onshore oil RIK contracts were in effect in 1996. Collective purchases by the onshore refiners fell 5 percent, from 2.4 million barrels in 1995 to 2.3 million barrels in 1996. The royalty value of the purchases rose, however, 11.2 percent, from \$41.1 million in 1995 to \$45.7 million in 1996 (table 36, and figures 42 and 43). Domestic oil prices are materially influenced by the international market. Low world inventories of oil and high demand in the United States, Europe, and developing nations in Asia caused oil prices to rise in 1996.

One Pacific and nine Gulf of Mexico offshore oil RIK contracts were in effect at the beginning of 1996. One Gulf refiner sold his refinery and terminated his contract during the course of the year. The offshore refiners collectively purchased 30.7 million barrels of RIK crude in 1996, up significantly over a corresponding figure of 19.3 million barrels in 1995. The royalty value of the purchases rose from \$322 million in 1995 to \$520.5 million in 1996 (table 36, and figures 42 and 43). The increase in royalty value is again due to higher prices resulting from low world inventories of oil and high international demand.

The increase in offshore RIK activity in 1995-96 reflects an effort by the Minerals Management Service to provide a secure supply of crude oil to refiners in the Pacific and Gulf areas.

Total RIK crude, with a royalty value of over \$566.2 million, represented approximately 38 percent of the oil royalties paid to the Federal Government in 1996 (tables 3 and 36). The 1996 figure represents the highest RIK royalty value since 1984 when royalty value totaled \$792.2 million.

**Table 36. Summary of Royalty-in-kind oil taken as royalty payments for Federal mineral lease sales volume, Calendar Years 1976-96**

	Federal Onshore		Federal Offshore		Total RIK Oil	
	Barrels Sold	Royalty Value	Barrels Sold	Royalty Value	Barrels Sold	Royalty Value
1976-86 . . . .	87,985,357	\$1,487,912,313	203,318,781	\$3,549,896,466	291,304,138	\$5,037,808,779
1987 . . . .	4,820,893	82,969,264	920,306	10,780,105	5,741,199	93,749,369
1988 . . . .	6,928,986	94,314,227	861,027	7,951,951	7,790,013	102,266,178
1989 . . . .	6,021,694	95,241,410	820,300	9,295,589	6,841,994	104,536,999
1990 . . . .	5,800,634	118,816,887	733,582	11,544,477	6,534,216	130,361,364
1991 . . . .	4,799,004	95,816,902	674,113	9,050,729	5,473,117	104,867,631
1992 . . . .	3,956,582	69,303,308	713,272	8,537,273	4,669,854	77,840,581
1993 . . . .	3,130,328	51,719,709	505,386	5,965,712	3,635,714	57,685,421
1994 . . . .	2,776,868	39,493,665	483,292	4,268,058	3,260,160	43,761,723
1995 . . . .	2,419,542	41,125,635	19,305,519	321,988,629	21,725,061	363,114,264
1996 . . . .	<u>2,298,571</u>	<u>45,712,144</u>	<u>30,716,298</u>	<u>520,527,939</u>	<u>33,014,869</u>	<u>566,240,083</u>
<b>Total . . . .</b>	<b>130,938,459</b>	<b>\$2,222,425,464</b>	<b>259,051,876</b>	<b>\$4,459,806,928</b>	<b>389,990,335</b>	<b>\$6,682,232,392</b>

# Preliminary

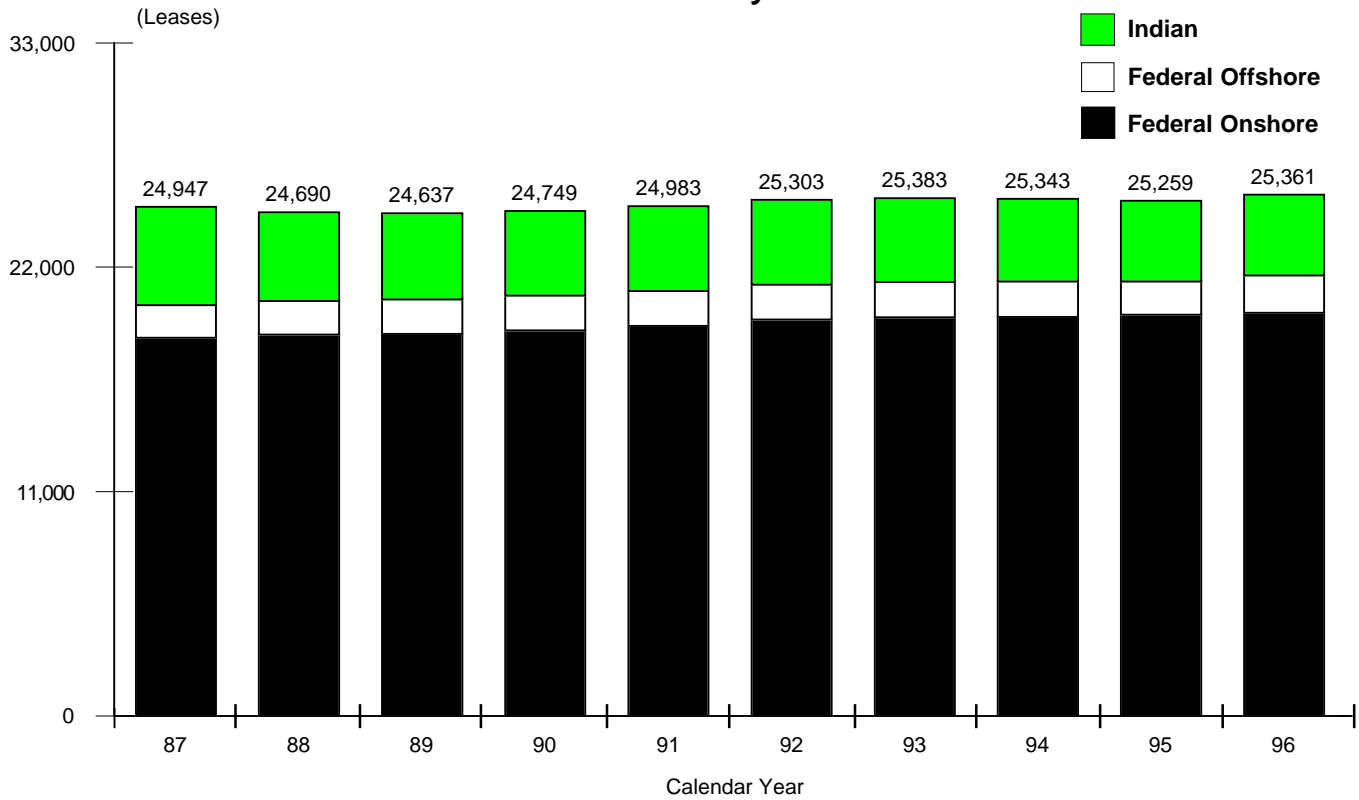


Figure 44. Producing and producible Federal and Indian onshore, and Federal offshore oil and gas leases, 1987-96

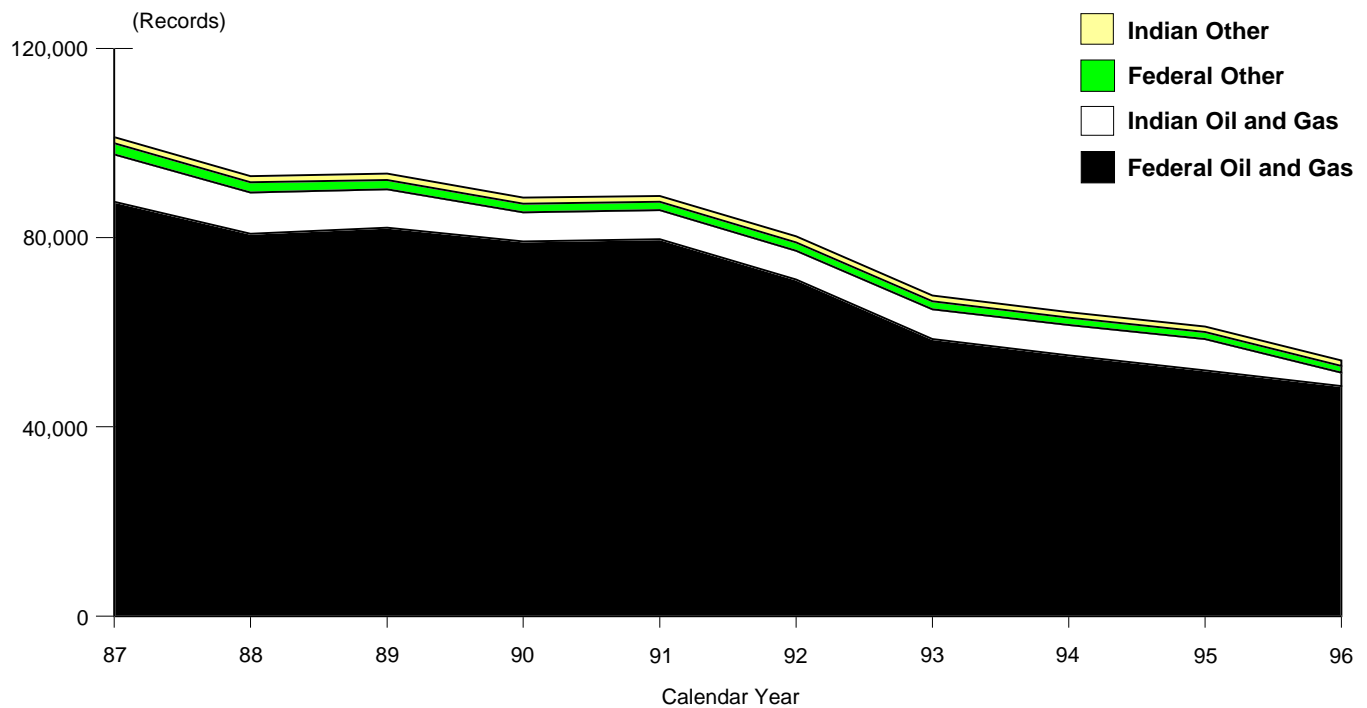


Figure 45. Mineral leases, licenses, permits, and applications on Federal and Indian onshore lands, 1987-96

# Lease Management

## ***Oil and Gas Leases***

There were 25,361 producing and producible Federal offshore, Federal onshore, and Indian oil and gas leases on 21.1 million acres at the end of 1996. These numbers represent a net increase of 102 leases and 616,547 acres over corresponding totals during 1995 (tables 37 and 38, and figure 44).

Federal offshore lands generated a net increase of 206 producing or producible oil and gas leases in 1996. Offshore producible land rose 626,764 acres during the year (table 38 and figure 44).

Federal onshore lands experienced a net increase of 92 producing or producible oil and gas leases in 1996. Federal onshore producible land rose 34,059 acres from 1995 to 1996 (table 38 and figure 44).

In contrast, Indian lands produced a net decline of 196 producing or producible oil and gas leases in 1996. Indian oil and gas acreage fell 44,276 acres during the period (table 38 and figure 44).

## ***Coal Leases***

Federal and Indian lands contained 140 producing coal leases on 391,540 acres at the end of 1996. These numbers represents a net decline of 8 leases on 26,545 acres over corresponding totals in 1995 (tables 39 and 40, and figure 46).

Indian coal leases and acreage in production remained relatively stable during the 2-year period (table 40 and figure 46). The number of Federal onshore producing leases declined in Colorado, North Dakota, Utah, and Wyoming in 1996. Additional Federal onshore leases were

recorded in Alabama, Kentucky, and Oklahoma during the year.

## ***Other Mineral Leases***

Federal onshore and Indian lands contained 188 leases for minerals other than oil, gas, and coal on 249,136 acres at the end of 1996. These numbers represent a net decline of 12 leases and a reduction of 2,671 acres over corresponding totals in 1995 (tables 41 and 42).

Federal onshore lands produced a net decline of 5 leases and 1,179 acres during the year (table 42). Declines in leases and acreage were recorded with quartz crystals in Arkansas, copper in Missouri, and langbeinite and potash in New Mexico. The declines were offset, in part, by increases in leases and acreage with geothermal in California, garnet and phosphate in Idaho, and sodium in Wyoming.

Indian lands produced a net decline of 7 leases in 1996. Indian land in production fell by 1,492 acres during the year (table 42). Additional leases and acreage were recorded with molybdenum in Arizona and granite in Washington. Sand and gravel leases declined in Arizona, California, New Mexico, Oklahoma, and Washington.

The U.S. Department of the Interior administered 54,031 mineral leases, licenses, permits, and applications on Federal and Indian lands at the end of 1996. This included 52,457 oil and gas records and 1,574 coal and other minerals records. The total number of mineral records fell 11.7 percent from 1995 to 1996 due, in part, to the termination of a number of inactive leases (figure 45, and tables 45 and 46).

**Preliminary****Table 37. Producing and producible Federal and Indian onshore, and Federal offshore oil and gas leases as of December 31, 1996**

<b>Onshore Lands</b>	<b>Federal Onshore</b>		<b>Indian Onshore</b>		<b>Total Onshore</b>	
	No.	Acres	No.	Acres	No.	Acres
Alabama . . . . .	23	13,742	---	---	23	13,742
Alaska . . . . .	35	61,618	1	2,560	36	64,178
Arizona . . . . .	---	---	15	69,096	15	69,096
Arkansas . . . . .	189	94,813	---	---	189	94,813
California . . . . .	348	79,603	---	---	348	79,603
Colorado . . . . .	2,013	1,376,247	153	518,576	2,166	1,894,823
Florida . . . . .	3	3,476	---	---	3	3,476
Illinois . . . . .	5	964	---	---	5	964
Kansas . . . . .	450	123,734	---	---	450	123,734
Kentucky . . . . .	58	32,934	---	---	58	32,934
Louisiana . . . . .	177	54,775	---	---	177	54,775
Maryland . . . . .	2	34,941	---	---	2	34,941
Michigan . . . . .	67	79,387	3	60	70	79,447
Mississippi . . . . .	111	52,814	---	---	111	52,814
Missouri . . . . .	1	200	---	---	1	200
Montana . . . . .	1,308	769,047	424	99,687	1,732	868,734
Nebraska . . . . .	25	37,767	---	---	25	37,767
Nevada . . . . .	40	24,883	---	---	40	24,883
New Mexico . . . . .	5,963	3,433,521	449	539,908	6,412	3,973,429
New York . . . . .	4	1,009	---	---	4	1,009
North Dakota . . . . .	517	313,231	33	6,871	550	320,102
Ohio . . . . .	146	21,686	---	---	146	21,686
Oklahoma . . . . .	816	128,080	1,819	154,456	2,635	282,536
Pennsylvania . . . . .	60	26,728	---	---	60	26,728
South Dakota . . . . .	77	49,560	1	160	78	49,720
Tennessee . . . . .	7	2,446	---	---	7	2,446
Texas . . . . .	188	83,392	9	4,003	197	87,395
Utah . . . . .	1,134	844,718	770	248,242	1,904	1,092,960
Virginia . . . . .	14	10,981	---	---	14	10,981
West Virginia . . . . .	158	149,545	---	---	158	149,545
Wyoming . . . . .	<u>5,831</u>	<u>2,827,107</u>	<u>77</u>	<u>43,528</u>	<u>5,908</u>	<u>2,870,635</u>
Onshore Subtotal . . .	19,770	10,732,949	3,754	1,687,147	23,524	12,420,096
<b>Offshore Lands</b>						
California OCS Area . . . . .					43	217,668
Gulf of Mexico OCS Area						
Central OCS Area . . . . .					1,400	6,343,975
Eastern OCS Area . . . . .					---	---
Western OCS Area . . . . .					<u>394</u>	<u>2,107,551</u>
Offshore Subtotal . . . . .					1,837	8,669,194
<b>Total Producing and Producing Federal and Indian Oil and Gas Leases . . .</b>					<b>25,361</b>	<b>21,089,290</b>

**Preliminary****Table 38. Producing and producible Federal and Indian onshore, and Federal offshore oil and gas leases as of December 31, 1987-96**

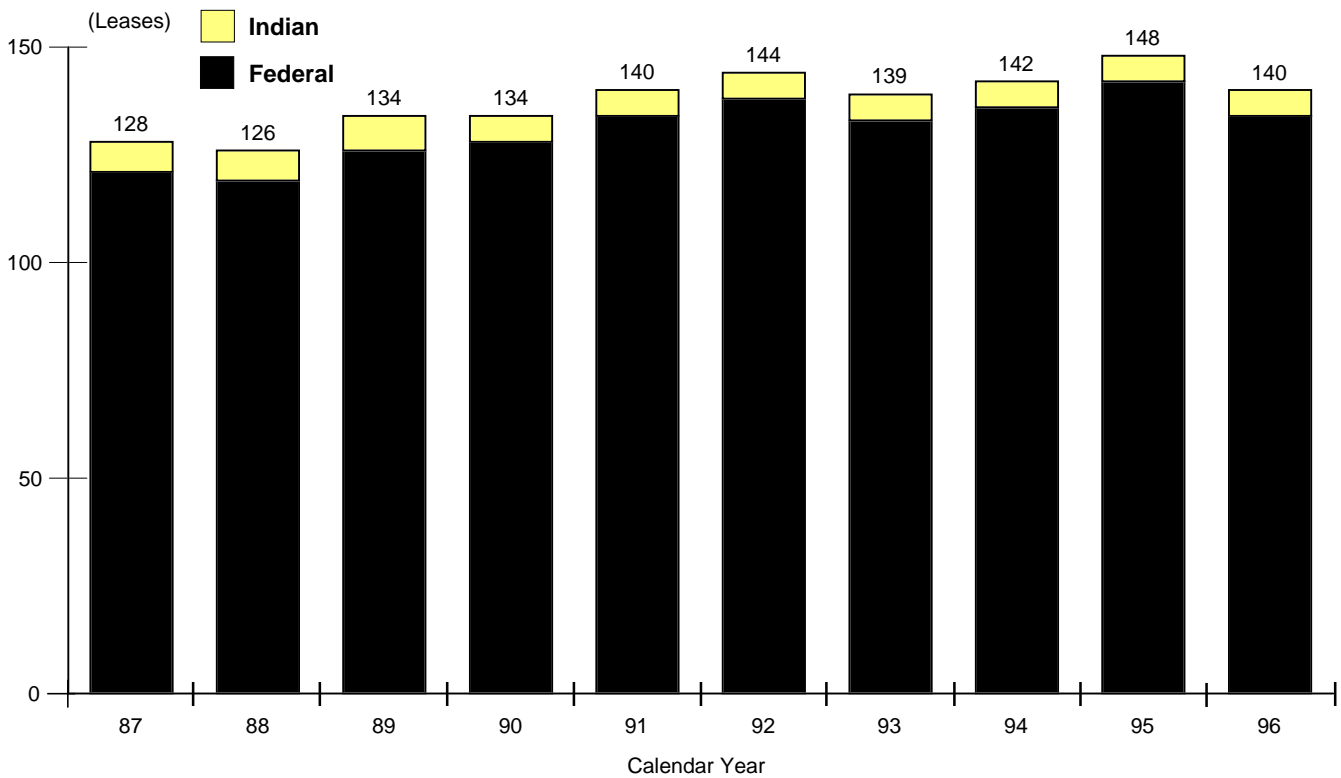
	No.	Acres		No.	Acres
<b>1987</b>			<b>1992</b>		
Offshore Federal . . . .	1,589	7,403,201	Offshore Federal . . .	1,709	7,968,814
Onshore Federal . . . .	18,539	11,000,487	Onshore Federal . . .	19,428	10,710,890
Indian . . . . .	<u>4,819</u>	<u>1,625,772</u>	Indian . . . . .	<u>4,166</u>	<u>1,710,998</u>
<b>Total . . . . .</b>	<b>24,947</b>	<b>20,029,460</b>	<b>Total . . . . .</b>	<b>25,303</b>	<b>20,390,702</b>
<b>1988</b>			<b>1993</b>		
Offshore Federal . . . .	1,644	7,685,875	Offshore Federal . . .	1,731	8,098,980
Onshore Federal . . . .	18,697	10,991,646	Onshore Federal . . .	19,543	10,677,476
Indian . . . . .	<u>4,349</u>	<u>1,600,469</u>	Indian . . . . .	<u>4,109</u>	<u>1,708,028</u>
<b>Total . . . . .</b>	<b>24,690</b>	<b>20,277,990</b>	<b>Total . . . . .</b>	<b>25,383</b>	<b>20,484,484</b>
<b>1989</b>			<b>1994</b>		
Offshore Federal . . . .	1,685	7,889,966	Offshore Federal . . .	1,751	8,214,508
Onshore Federal . . . .	18,729	10,874,641	Onshore Federal . . .	19,555	10,651,011
Indian . . . . .	<u>4,223</u>	<u>1,565,123</u>	Indian . . . . .	<u>4,037</u>	<u>1,729,492</u>
<b>Total . . . . .</b>	<b>24,637</b>	<b>20,329,730</b>	<b>Total . . . . .</b>	<b>25,343</b>	<b>20,595,011</b>
<b>1990</b>			<b>1995</b>		
Offshore Federal . . . .	1,714	8,038,529	Offshore Federal . . .	1,631	8,042,430
Onshore Federal . . . .	18,898	10,609,663	Onshore Federal . . .	19,678	10,698,890
Indian . . . . .	<u>4,137</u>	<u>1,607,407</u>	Indian . . . . .	<u>3,950</u>	<u>1,731,423</u>
<b>Total . . . . .</b>	<b>24,749</b>	<b>20,255,599</b>	<b>Total . . . . .</b>	<b>25,259</b>	<b>20,472,743</b>
<b>1991</b>			<b>1996</b>		
Offshore Federal . . . .	1,710	7,955,254	Offshore Federal . . .	1,837	8,669,194
Onshore Federal . . . .	19,115	10,635,862	Onshore Federal . . .	19,770	10,732,949
Indian . . . . .	<u>4,158</u>	<u>1,605,970</u>	Indian . . . . .	<u>3,754</u>	<u>1,687,147</u>
<b>Total . . . . .</b>	<b>24,983</b>	<b>20,197,086</b>	<b>Total . . . . .</b>	<b>25,361</b>	<b>21,089,290</b>

**Preliminary****Table 39. Producing Federal and Indian onshore coal leases as of December 31, 1996**

	<b>Federal</b>		<b>Indian</b>		<b>Total</b>	
	No.	Acres	No.	Acres	No.	Acres
Alabama .....	1	1,610	---	---	1	1,610
Arizona .....	---	---	3	64,858	3	64,858
Colorado .....	31	49,633	---	---	31	49,633
Kentucky .....	3	2,413	---	---	3	2,413
Montana .....	13	31,540	1	14,746	14	46,286
New Mexico .....	6	12,132	2	36,026	8	48,158
North Dakota .....	3	5,472	---	---	3	5,472
Oklahoma .....	6	10,251	---	---	6	10,251
Utah .....	31	44,215	---	---	31	44,215
Washington .....	1	241	---	---	1	241
Wyoming .....	<u>39</u>	<u>118,403</u>	<u>---</u>	<u>---</u>	<u>39</u>	<u>118,403</u>
<b>Total .....</b>	<b>134</b>	<b>275,910</b>	<b>6</b>	<b>115,630</b>	<b>140</b>	<b>391,540</b>

**Preliminary****Table 40. Producing Federal and Indian onshore coal leases as of December 31, 1987-96**

	<b>Federal</b>		<b>Indian</b>		<b>Total</b>	
	No.	Acres	No.	Acres	No.	Acres
1987 .....	121	213,993	7	195,918	128	409,911
1988 .....	119	224,579	7	155,918	126	380,497
1989 .....	126	235,975	8	156,141	134	392,116
1990 .....	128	255,586	6	115,630	134	371,216
1991 .....	134	273,408	6	113,194	140	386,602
1992 .....	138	279,785	6	123,998	144	403,783
1993 .....	133	268,030	6	123,998	139	392,028
1994 .....	136	276,650	6	123,517	142	400,167
1995 .....	142	294,568	6	123,517	148	418,085
1996 .....	134	275,910	6	115,630	140	391,540

**Figure 46. Producing Federal and Indian onshore coal leases, 1987-96**

**Preliminary****Table 41. Producing Federal and Indian onshore leases of other minerals as of December 31, 1996**

	<b>Federal</b>		<b>Indian</b>		<b>Total</b>	
	No.	Acres	No.	Acres	No.	Acres
<b>Alabama</b>						
Clay .....	1	40	---	---	1	40
<b>Arizona</b>						
Copper .....	---	---	3	6,734	3	6,734
Molybdenum .....	---	---	1	1,944	1	1,994
Sand-Gravel .....	---	---	3	227	3	227
Silica Sand .....	---	---	1	640	1	640
<b>Arkansas</b>						
Quartz Crystals .....	3	242	---	---	3	242
<b>California</b>						
Geothermal .....	22	23,481	---	---	22	23,481
Sand-Gravel .....	---	---	3	1,516	3	1,516
Sodium .....	1	15,109	---	---	1	15,109
<b>Colorado</b>						
Sand-Gravel .....	---	---	1	24	1	24
Sodium .....	1	2,483	---	---	1	2,483
<b>Florida</b>						
Phosphate .....	1	40	---	---	1	40
<b>Idaho</b>						
Garnet .....	1	100	---	---	1	100
Phosphate .....	4	4,040	15	4,356	19	8,396
<b>Illinois</b>						
Fluorspar/Zinc .....	2	228	---	---	2	228
<b>Missouri</b>						
Copper/Lead/Zinc .....	11	26,249	---	---	11	26,249
<b>Nevada</b>						
Geothermal .....	27	38,380	---	---	27	38,380
Sand-Gravel .....	2	554	1	100	3	654
<b>New Mexico</b>						
Gypsum .....	---	---	1	800	1	800
Hot Water .....	4	4,220	---	---	4	4,220
Langbeinite .....	2	3,956	---	---	2	3,956
Potash .....	21	39,275	---	---	21	39,275
Sand-Gravel .....	---	---	4	619	4	619
Sodium .....	4	3,952	---	---	4	3,952
<b>Oklahoma</b>						
Chat .....	---	---	2	230	2	230
Limestone .....	---	---	1	18	1	18
Sand-Gravel .....	---	---	2	77	2	77
<b>Utah</b>						
Geothermal .....	6	11,558	---	---	6	11,558
Gilsonite .....	1	240	---	---	1	240
Potash .....	10	24,700	---	---	10	24,700
Sand-Gravel .....	---	---	1	40	1	40



**Preliminary****Table 41. Producing Federal and Indian onshore leases of other minerals as of December 31, 1996 (cont.)**

	<b>Federal</b>		<b>Indian</b>		<b>Total</b>	
	No.	Acres	No.	Acres	No.	Acres
<b>Virginia</b>						
Limestone .....	1	355	---	---	1	355
<b>Washington</b>						
Granite .....	---	---	1	10	1	10
Sand-Gravel .....	---	---	5	131	5	131
<b>Wyoming</b>						
Clay .....	1	160	---	---	1	160
Sodium .....	<u>17</u>	<u>32,258</u>	<u>---</u>	<u>---</u>	<u>17</u>	<u>32,258</u>
<b>Total .....</b>	<b>143</b>	<b>231,620</b>	<b>45</b>	<b>17,516</b>	<b>188</b>	<b>249,136</b>

NOTE: Selected leases may represent communitization or unitization agreements.

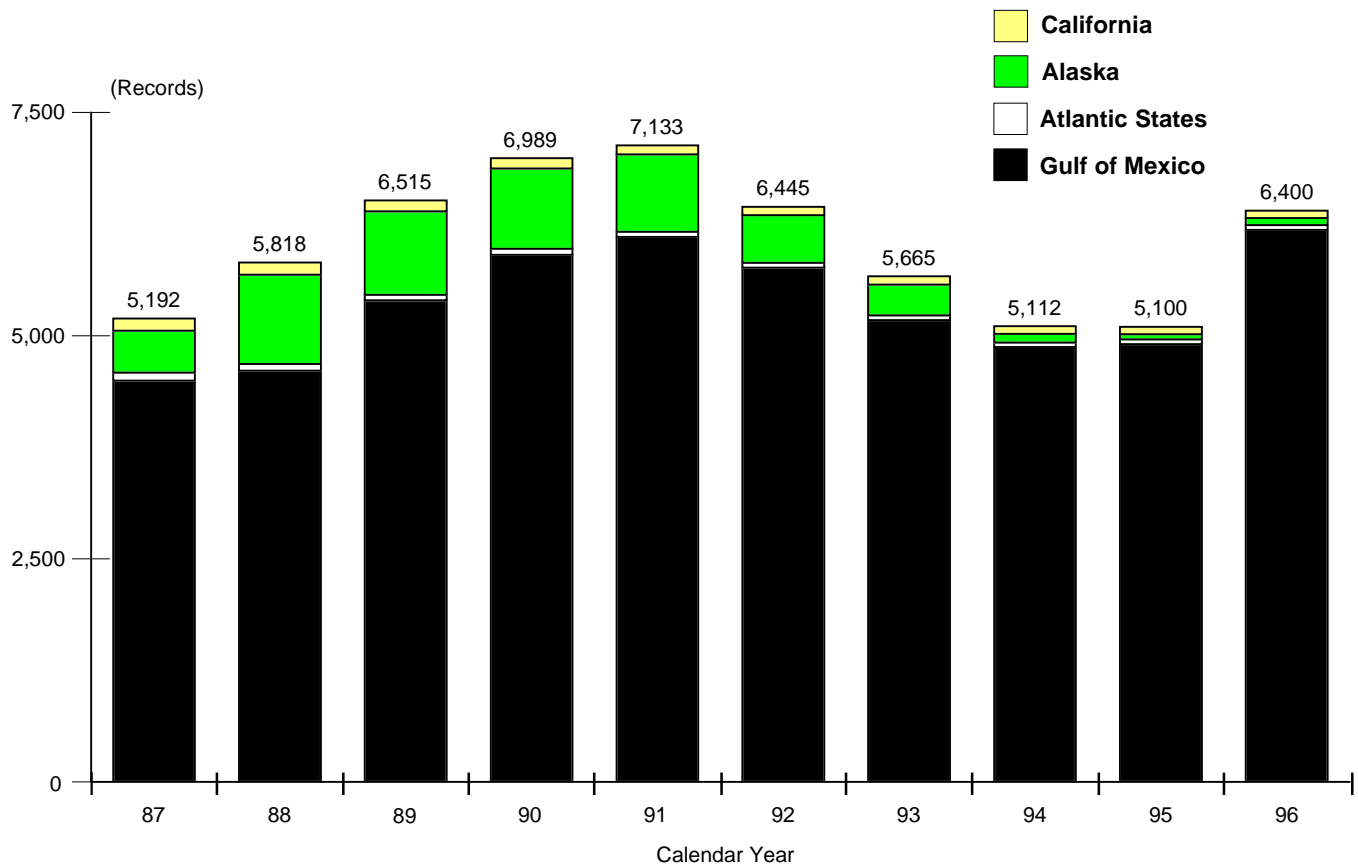
**Table 42. Producing Federal and Indian onshore leases of other minerals as of December 31, 1987-96**

	<b>Federal</b>		<b>Indian</b>		<b>Total</b>	
	No.	Acres	No.	Acres	No.	Acres
1987 .....	102	177,996	32	17,938	134	195,934
1988 .....	128	210,942	43	19,267	171	230,209
1989 .....	173	336,159	42	14,564	215	350,723
1990 .....	175	338,547	47	12,265	222	350,812
1991 .....	181	348,967	50	16,370	231	365,337
1992 .....	198	358,184	58	18,001	256	376,185
1993 .....	202	363,291	59	21,570	261	384,861
1994 .....	149	232,055	53	17,685	202	249,740
1995 .....	148	232,799	52	19,008	200	251,807
1996 .....	143	231,620	45	17,516	188	249,136

NOTE: Selected leases may represent communitization or unitization agreements.

**Preliminary****Table 43. Summary by area of producing and nonproducing oil, gas, and other mineral leases under the supervision of the Department of the Interior on the OCS, as of December 31, 1996**

	Oil and Gas		Other		Total Offshore	
	No.	Acres	No.	Acres	No.	Acres
Alaska . . . . .	78	319,240	---	---	78	319,240
Atlantic States . . . . .	53	301,739	---	---	53	301,739
California . . . . .	83	423,345	---	---	83	423,345
Gulf of Mexico						
Central . . . . .	4,170	20,633,019	6	19,966	4,176	20,652,985
Eastern . . . . .	156	898,243	---	---	156	898,243
Western . . . . .	<u>1,854</u>	<u>10,215,177</u>	<u>---</u>	<u>---</u>	<u>1,854</u>	<u>10,215,177</u>
<b>Total . . . . .</b>	<b>6,394</b>	<b>32,790,763</b>	<b>6</b>	<b>19,966</b>	<b>6,400</b>	<b>32,810,729</b>

**Figure 47. Oil, gas, and other mineral leases, licenses, and permits on the OCS, 1987-96**

**Preliminary****Table 44. Summary of producing and nonproducing oil, gas, and other mineral leases under the supervision of the Department of the Interior on the OCS, as of December 31, 1987-96**

	<b>Oil and Gas</b>		<b>Other</b>		<b>Total Offshore</b>	
	No.	Acres	No.	Acres	No.	Acres
1987 .....	5,185	26,079,332	7	11,948	5,192	26,091,280
1988 .....	5,801	29,434,977	17	148,774	5,818	29,583,751
1989 .....	6,498	33,273,059	17	148,774	6,515	33,421,833
1990 .....	6,972	35,733,664	17	148,774	6,989	35,882,438
1991 .....	7,121	36,826,386	12	92,865	7,133	36,919,251
1992 .....	6,435	32,959,376	10	81,119	6,445	33,040,495
1993 .....	5,653	28,882,212	12	84,028	5,665	28,966,240
1994 .....	5,105	25,764,899	7	23,247	5,112	25,788,146
1995 .....	5,095	25,997,641	5	18,454	5,100	26,016,095
1996 .....	6,394	32,790,763	6	19,966	6,400	32,810,729

**Preliminary****Table 45. Summary by State of oil, gas, and other mineral leases, licenses, permits, and applications under the supervision of the Department of the Interior on Federal and Indian onshore lands, as of December 31, 1996**

	<b>Public</b>		<b>Oil and Gas Acquired</b>		<b>Indian</b>		<b>Total Oil and Gas Onshore</b>	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres
Alabama	32	9,093	159	63,955	---	---	191	73,048
Alaska	292	89,141	1	400	2	2,720	295	92,261
Arizona	47	69,061	7	10,716	15	69,096	69	148,873
Arkansas	153	76,201	395	272,259	---	---	548	348,460
California	575	197,261	22	2,661	---	---	597	199,922
Colorado	4,265	3,326,075	218	81,903	156	525,397	4,639	3,933,375
Florida	18	10,718	45	40,640	---	---	63	51,358
Georgia	---	---	---	---	---	---	---	---
Idaho	5	6,374	---	---	---	---	5	6,374
Illinois	---	---	15	7,043	---	---	15	7,043
Indiana	---	---	4	415	---	---	4	415
Kansas	129	41,728	321	82,006	---	---	450	123,734
Kentucky	---	---	86	43,252	---	---	86	43,252
Louisiana	129	19,518	656	328,001	---	---	785	347,519
Maryland	---	---	6	34,941	---	---	6	34,941
Massachusetts	---	---	1	241	---	---	1	241
Michigan	69	36,447	221	55,879	3	60	293	92,386
Minnesota	---	---	2	280	---	---	2	280
Mississippi	34	2,872	951	366,310	---	---	985	369,182
Missouri	---	---	1	200	---	---	1	200
Montana	2,895	2,635,581	352	275,091	435	101,507	3,682	3,012,179
Nebraska	28	33,709	12	4,058	---	---	40	37,767
Nevada	1,568	2,629,591	---	---	---	---	1,568	2,629,591
New Mexico	8,763	5,194,075	41	15,139	456	574,954	9,260	5,784,168
New York	---	---	5	1,644	---	---	5	1,644
North Carolina	---	---	---	---	---	---	---	---
North Dakota	503	196,099	736	481,002	39	7,708	1,278	684,809
Ohio	1	50	223	51,614	---	---	224	51,664
Oklahoma	757	84,923	419	200,229	1,830	155,425	3,006	440,577
Oregon	8	4,117	8	24,073	---	---	16	28,190
Pennsylvania	---	---	75	26,728	---	---	75	26,728
South Carolina	---	---	---	---	---	---	---	---
South Dakota	236	203,551	18	10,764	1	160	255	214,475
Tennessee	---	---	20	33,817	---	---	20	33,817
Texas	---	---	491	338,296	9	4,003	500	342,299
Utah	3,521	3,487,335	29	8,029	776	262,289	4,326	3,757,653
Virginia	---	---	49	57,706	---	---	49	57,706
Washington	5	12,461	2	72	---	---	7	12,533
West Virginia	---	---	270	164,797	---	---	270	164,797
Wisconsin	1	203	6	8,489	---	---	7	8,692
Wyoming	<u>18,590</u>	<u>12,158,729</u>	<u>164</u>	<u>65,721</u>	<u>80</u>	<u>44,168</u>	<u>18,834</u>	<u>12,268,618</u>
<b>Total</b>	<b>42,624</b>	<b>30,524,913</b>	<b>6,031</b>	<b>3,158,371</b>	<b>3,802</b>	<b>1,747,487</b>	<b>52,457</b>	<b>35,430,771</b>

**Preliminary****Table 45. Summary by State of oil, gas, and other mineral leases, licenses, permits, and applications under the supervision of the Department of the Interior on Federal and Indian onshore lands, as of December 31, 1996 (cont.)**

Public		Other Minerals Acquired		Indian		Total Other Onshore		Total Oil, Gas, and Other Minerals		
No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	
5	10,588	1	40	---	---	6	10,628	197	83,676	Alabama
4	5,798	---	---	---	---	4	5,798	299	98,059	Alaska
1	4	---	---	14	97,735	15	97,739	84	246,612	Arizona
---	---	13	13,871	---	---	13	13,871	561	362,331	Arkansas
142	176,892	2	119	6	2,509	150	179,520	747	379,442	California
124	298,483	---	---	1	24	125	298,507	4,764	4,231,882	Colorado
4	882	2	80	---	---	6	962	69	52,320	Florida
---	---	2	359	---	---	2	359	2	359	Georgia
98	51,744	10	5,078	50	7,185	158	64,007	163	70,381	Idaho
---	---	9	3,551	---	---	9	3,551	24	10,594	Illinois
---	---	---	---	---	---	---	---	4	415	Indiana
---	---	---	---	---	---	---	---	450	123,734	Kansas
5	4,334	---	---	---	---	5	4,334	91	47,586	Kentucky
---	---	---	---	---	---	---	---	785	347,519	Louisiana
---	---	---	---	---	---	---	---	6	34,941	Maryland
---	---	---	---	---	---	---	---	1	241	Massachusetts
---	---	---	---	---	---	---	---	293	92,386	Michigan
2	468	11	13,259	---	---	13	13,727	15	14,007	Minnesota
---	---	---	---	---	---	---	---	985	369,182	Mississippi
---	---	43	43,370	---	---	43	43,370	44	43,570	Missouri
46	102,221	1	53	8	15,196	55	117,470	3,737	3,129,649	Montana
---	---	---	---	---	---	---	---	40	37,767	Nebraska
182	274,367	---	---	1	560	183	274,927	1,751	2,904,518	Nevada
154	223,720	---	---	9	46,009	163	269,729	9,423	6,053,897	New Mexico
---	---	---	---	---	---	---	---	5	1,644	New York
---	---	1	158	---	---	1	158	1	158	North Carolina
18	29,497	---	---	---	---	18	29,497	1,296	714,306	North Dakota
---	---	---	---	---	---	---	---	224	51,664	Ohio
25	45,773	---	---	12	7,054	37	52,827	3,043	493,404	Oklahoma
84	82,756	---	---	1	10	85	82,766	101	110,956	Oregon
---	---	---	---	---	---	---	---	75	26,728	Pennsylvania
---	---	2	2,218	---	---	2	2,218	2	2,218	South Carolina
---	---	---	---	---	---	---	---	255	214,475	South Dakota
---	---	---	---	---	---	---	---	20	33,817	Tennessee
---	---	---	---	---	---	---	---	500	342,299	Texas
223	404,162	---	---	2	80	225	404,242	4,551	4,161,895	Utah
---	---	2	396	---	---	2	396	51	58,102	Virginia
2	521	---	---	15	2,187	17	2,708	24	15,241	Washington
---	---	---	---	---	---	---	---	270	164,797	West Virginia
---	---	22	7,921	---	---	22	7,921	29	16,613	Wisconsin
181	395,190	3	3,120	31	1,920	215	400,230	19,049	12,668,848	Wyoming
<b>1,300</b>	<b>2,107,400</b>	<b>124</b>	<b>93,593</b>	<b>150</b>	<b>180,469</b>	<b>1,574</b>	<b>2,381,462</b>	<b>54,031</b>	<b>37,812,233</b>	<b>Total</b>

NOTE: Beginning in 1994, all Federal onshore coal leases, licenses, permits, and applications are listed under public lands. Records from automated systems used to produce tables 45 and 46 in this report no longer distinguish Federal onshore coal activity between public and acquired lands. Most Federal onshore coal mining is conducted on public lands. Indian coal leases, licenses, permits, and applications will continue to be listed under Indian lands. Minerals other than coal will continue to be identified under the appropriate public, acquired, and Indian land category.

SOURCE: Bureau of Land Management and Minerals Management Service, Department of the Interior.

**Preliminary****Table 46. Summary of oil, gas, and other mineral leases, licenses, permits, and applications under the supervision of the Department of the Interior on Federal and Indian onshore lands, as of December 31, 1987-96**

	<b>Public</b>		<b>Oil and Gas Acquired</b>		<b>Indian</b>		<b>Total Oil and Gas Onshore</b>	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1987 . . . .	78,755	64,606,541	8,813	6,597,216	11,047	3,524,758	98,615	74,728,515
1988 . . . .	72,764	60,928,819	8,064	5,946,917	9,696	3,447,994	90,524	70,323,730
1989 . . . .	73,266	61,469,693	8,878	6,210,647	9,119	3,587,979	91,263	71,268,319
1990 . . . .	70,171	57,750,686	9,016	5,899,476	7,159	2,833,786	86,346	66,483,948
1991 . . . .	70,910	54,016,432	8,793	5,272,419	7,125	2,666,711	86,828	61,955,562
1992 . . . .	62,305	46,988,872	8,857	4,920,324	7,088	2,283,097	78,250	54,192,293
1993 . . . .	50,820	37,662,273	7,730	4,195,106	7,301	2,277,079	65,851	44,134,458
1994 . . . .	48,102	35,762,415	6,995	3,716,707	7,443	2,384,998	62,540	41,864,120
1995 . . . .	45,474	33,160,024	6,462	3,472,604	7,611	2,434,559	59,547	39,067,187
1996 . . . .	42,624	30,524,913	6,031	3,158,371	3,802	1,747,487	52,457	35,430,771

**Preliminary****Table 46. Summary of oil, gas, and other mineral leases, licenses, permits, and applications under the supervision of the Department of the Interior on Federal and Indian onshore lands, as of December 31, 1987-96 (cont.)**

<b>Public</b>		<b>Other Minerals Acquired</b>		<b>Indian</b>		<b>Total Other Onshore</b>		<b>Total Oil, Gas, and Other Minerals</b>			
No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres		
2,125	3,243,214	245	220,154	275	240,285	2,645	3,703,653	101,260	78,432,168	...	1987
1,953	3,000,797	218	205,157	281	235,135	2,452	3,441,089	92,976	73,764,819	...	1988
1,775	2,647,295	179	174,403	317	454,472	2,271	3,276,170	93,534	74,544,489	...	1989
1,673	2,489,233	177	165,462	280	468,590	2,130	3,123,285	88,476	69,607,233	...	1990
1,562	2,302,414	179	158,322	233	390,915	1,974	2,851,651	88,802	64,807,213	...	1991
1,582	2,359,136	196	200,643	228	388,759	2,006	2,948,538	80,256	57,140,831	...	1992
1,524	2,184,990	168	175,989	206	230,949	1,898	2,591,928	67,749	46,726,386	...	1993
1,428	2,059,618	135	115,239	123	178,884	1,686	2,353,741	64,226	44,217,861	...	1994
1,377	2,166,651	137	100,976	145	181,664	1,659	2,449,291	61,206	41,516,478	...	1995
1,300	2,107,400	124	93,593	150	180,469	1,574	2,381,462	54,031	37,812,233	...	1996

NOTE: Beginning in 1994, all Federal onshore coal leases, licenses, permits, and applications are listed under public lands. Records from automated systems used to produce tables 45 and 46 in this report no longer distinguish Federal onshore coal activity between public and acquired lands. Most Federal onshore coal mining is conducted on public lands. Indian coal leases, licenses, permits, and applications, will continue to be listed under Indian lands. Minerals other than coal will continue to be identified under the appropriate public, acquired, and Indian land category.

SOURCE: Bureau of Land Management and Minerals Management Service, Department of the Interior.

**Table 47. General Federal and Indian mineral lease terms**

<b><u>Oil, Gas, and Sulfur Leases on Federal Offshore Lands</u></b>	
<b>Customary Royalty Rate</b>	Flat rates of 12 1/2% or 16 2/3% in amount or value of production. Variable rates of 16 2/3% or more in amount or value of production, depending on lease sale. Net profit share rates as specified in lease sale. See Title 30 Code of Federal Regulations (CFR) Section 260 - Outer Continental Shelf Oil and Gas Leasing.
<b>Annual Rent and Other Fees</b>	Rent \$3 to \$5 per acre. Minimum royalty \$3 to \$5 per acre after discovery. Rent \$10 per acre for drainage sales. Minimum royalty \$10 per acre for drainage sales.
<b>Duration of Lease</b>	5 to 10 years; continued if capable of producing in commercial quantities. 8 and 10 years in depths of 400 meters or more.
<b>Size of Lease</b>	2,500 to 5,760 acres, or equivalent hectares, unless a larger area is needed for a production unit.
<b>Bonding Requirements</b>	Lease: \$50,000. Area: depending on development, up to \$3,000,000.
<b><u>Oil and Gas Leases on Federal Onshore Lands: Competitive Leases</u></b>	
<b>Customary Royalty Rate</b>	Leases issued from 5-3-45 to 12-22-87: oil 12 1/2% to 25% and gas 12 1/2% or 16 2/3% in amount or value of production, depending on production per well per day for the calendar month. Leases issued after 12-22-87: flat rate of 12 1/2% in amount or value of production. See 43 CFR 3103.3 - Royalties, and Bureau of Land Management (BLM) Manual Part H-3103-1 - Fees, Rentals, and Royalty.
<b>Annual Rent and Other Fees</b>	Leases issued prior to 9-2-60: \$0.25 to \$1 per acre. Leases issued 9-2-60 through 12-22-87: \$2 per acre. Bonus paid at issuance. Leases issued after 12-22-87: \$1.50 per acre first 5 years, \$2 per acre subsequent years if extended. See 43 CFR 3103.2 - Rentals, and BLM Manual Part H-3103-1 - Fees, Rentals, and Royalty.
<b>Duration of Lease</b>	5 years; continued if capable of producing in commercial quantities.
<b>Size of Lease</b>	Through 12-22-87: 640 acres or less. After 12-22-87: maximum 2,560 acres for lower 49 States and maximum 5,760 acres in Alaska.
<b>Bonding Requirements</b>	Lease: \$10,000. State: \$25,000. Nationwide: \$150,000.



**Preliminary****Table 47. General Federal and Indian mineral lease terms (cont.)****Oil and Gas Leases on Federal Onshore Lands: Non-Competitive Leases**

<b>Customary Royalty Rate</b>	12 1/2% in amount or value of production. See 43 CFR 3103.3 - Royalties, and BLM Manual Part H-3103-1 - Fees, Rentals, and Royalty.
<b>Annual Rent and Other Fees</b>	Leases issued prior to 9-2-60: \$0.25 to \$1 per acre. Leases issued 9-2-60 through 2-1-77: \$0.50 per acre. Leases issued 2-1-77 through 12-22-87: \$1 to \$2 per acre first 5 years, \$2 per acre subsequent years. Leases issued after 12-22-87: \$1.50 per acre first 5 years, \$2 per acre subsequent years. See 43 CFR 3103.2 - Rentals, and BLM Manual Part H-3103-1 - Fees, Rentals, and Royalty.
<b>Duration of Lease</b>	10 years; continued if capable of producing in commercial quantities.
<b>Size of Lease</b>	10,240 acres maximum within 6-mile square, or 640 acres minimum.
<b>Bonding Requirements</b>	Lease: \$10,000. State: \$25,000. Nationwide: \$150,000.

**Oil and Gas Leases on Federal Onshore Lands: National Petroleum Reserve Alaska Leases  
Subject to Appropriation Act of 1981**

<b>Customary Royalty Rate</b>	Not set by law—now 16 2/3%.
<b>Annual Rent and Other Fees</b>	Rent \$3 per acre.
<b>Duration of Lease</b>	10 years or less.
<b>Size of Lease</b>	Up to 60,000 acres.
<b>Bonding Requirements</b>	Corporate surety: \$100,000.

**Oil and Gas Leases on Indian Lands**

<b>Customary Royalty Rate</b>	Varies. Generally, new leases provide for 16 2/3% or more in amount or value of production. Leases before 1982 are generally 12 1/2% or 16 2/3% in amount or value of production.
<b>Annual Rent and Other Fees</b>	Rent varies from \$1.25 to \$30 per acre.
<b>Duration of Lease</b>	Primary term is 5 years or less
<b>Size of Lease</b>	Under the Indian Mineral Development Act of 1982, varies for the entire reservation from a fraction of an acre to over 200,000 acres.
<b>Bonding Requirements</b>	Lease: \$500 to \$2,000 depending on acreage. State: \$75,000 Nationwide: \$150,000.

**Preliminary****Table 47. General Federal and Indian mineral lease terms (cont.)****Coal Leases on Federal Lands: Leases Issued Through August 4, 1976**

<b>Customary Royalty Rate</b>	\$0.15 per ton underground and \$0.175 per ton surface mines.
<b>Annual Rent and Other Fees</b>	Rent \$1 per acre credited against royalty payments for the lease year. Minimum royalty: per lease terms.
<b>Duration of Lease</b>	Indefinite period with 20-year readjustments.
<b>Size of Lease</b>	Not more than 46,080 acres in one state and not more than 100,000 acres in the United States for one or more leases.
<b>Bonding Requirements</b>	Nonproducing leases: \$5,000 or amount equal to annual rent rounded to \$1,000, whichever is greater. Producing leases: 3 months' production royalty.

**Coal Leases on Federal Lands: Leases Issued or Readjusted After August 4, 1976**

<b>Customary Royalty Rate</b>	Readjusted and new leases: 8% of value of production for underground mines and 12 1/2% of value of production for surface mines.
<b>Annual Rent and Other Fees</b>	Rent \$3 per acre not credited against royalty payments. Lease filing fee: \$250. Transfer fee: \$50.
<b>Duration of Lease</b>	20 years; continued if producing in commercial quantities, subject to readjustment every 10 years.
<b>Size of Lease</b>	No more than 46,080 acres in one state and no more than 100,000 total acres in the United States.
<b>Bonding Requirements</b>	Nonproducing leases: \$5,000 or amount equal to annual rent rounded to \$1,000, whichever is greater. Producing leases: 3 months' production royalty.

**Coal Leases on Indian Lands**

<b>Customary Royalty Rate</b>	Varies according to lease terms and amendments. Generally 6 1/4% to 12 1/2% of value of production.
<b>Annual Rent and Other Fees</b>	Rent varies. Average rent \$2 per acre. Advance royalties payable up to \$1 million annually.
<b>Duration of Lease</b>	Varies by lease terms.
<b>Size of Lease</b>	Varies.
<b>Bonding Requirements</b>	Lease: \$500 to \$2,000 depending on acreage. State: \$75,000 depending on acreage. Nationwide: \$75,000 or determined by the Secretary.

**Preliminary****Table 47. General Federal and Indian mineral lease terms (cont.)****Other Mineral Leases on Federal Lands: Asphalt Leases**

<b>Customary Royalty Rate</b>	Per lease terms, but not less than \$0.25 per ton.
<b>Annual Rent and Other Fees</b>	Rent: year 1, \$0.25 per acre; years 2-5, \$0.50 per acre; beginning year 6, \$1 per acre, credited against royalties. Minimum royalty \$3 per acre payable in advance beginning year 6, until production commences.
<b>Duration of Lease</b>	20 years, with right of renewal every 10 years thereafter.
<b>Size of Lease</b>	2,560 acres maximum and not less than 640 acres minimum.
<b>Bonding Requirements</b>	Not less than \$5,000.

**Other Mineral Leases on Federal Lands: Geothermal Leases**

<b>Customary Royalty Rate</b>	10% to 15% of value of geothermal fluids and not more than 5% of value of any by-product, including commercially demineralized water, unless otherwise provided in Section 1 of the Mineral Leasing Act of 1920, as amended.
<b>Annual Rent and Other Fees</b>	Rent \$1 per acre; \$2 per acre in known geothermal resources area. Minimum royalty \$2 per acre.
<b>Duration of Lease</b>	10 years; continued if capable of producing in commercial quantities.
<b>Size of Lease</b>	2,560 acres maximum and not less than 640 acres unless for nonelectric uses.
<b>Bonding Requirements</b>	Lease: \$10,000. State: \$50,000. Nationwide: \$150,000; \$5,000 minimum for protection of surface owner.

**Other Mineral Leases on Federal Lands: Gilsonite Leases**

<b>Customary Royalty Rate</b>	12 1/2% of value of production.
<b>Annual Rent and Other Fees</b>	Rent \$0.50 per acre credited against royalties. Minimum royalty \$3 per acre payable in advance beginning year 6, until production commences.
<b>Duration of Lease</b>	20 years, subject to readjustment every 20 years.
<b>Size of Lease</b>	Per lease terms.
<b>Bonding Requirements</b>	Not less than \$5,000.

**Preliminary****Table 47. General Federal and Indian mineral lease terms (cont.)****Other Mineral Leases on Federal Lands: Lead, Zinc, Copper, and Other Hardrock Mineral Leases**

<b>Customary Royalty Rate</b>	5% of value of production (concentrate).
<b>Annual Rent and Other Fees</b>	Rent \$1 per acre credited against royalties. Minimum royalty \$3 per acre payable in advance beginning year 6, until production commences.
<b>Duration of Lease</b>	20 years, with right of renewal every 10 years thereafter.
<b>Size of Lease</b>	2,560 acres maximum and not less than 640 acres minimum.
<b>Bonding Requirements</b>	Not less than \$5,000.

**Other Mineral Leases on Federal Lands: Oil Shale Leases**

<b>Customary Royalty Rate</b>	Per lease terms.
<b>Annual Rent and Other Fees</b>	Rent \$0.50 per acre. Minimum royalty per lease terms.
<b>Duration of Lease</b>	Per lease terms.
<b>Size of Lease</b>	Per lease terms.
<b>Bonding Requirements</b>	Per lease terms.

**Other Mineral Leases on Federal Lands: Potassium, Sodium, or Phosphate Leases**

<b>Customary Royalty Rate</b>	Ranges from 2% to 8% of value of production.
<b>Annual Rent and Other Fees</b>	Rent: year 1, \$0.25 per acre; years 2-5, \$0.50 per acre; beginning year 6, \$1 per acre credited against royalties. Minimum royalty: \$3 per acre payable in advance beginning year 6, until production commences.
<b>Duration of Lease</b>	Indefinite, subject to readjustment every 20 years.
<b>Size of Lease</b>	2,560 acres maximum and not less than 640 acres minimum.
<b>Bonding Requirements</b>	Lease: not less than \$5,000. State: \$25,000. Nationwide: \$75,000.

**Preliminary****Table 47. General Federal and Indian mineral lease terms (cont.)**


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<b><u>Other Mineral Leases on Federal Lands: Sulfur Leases</u></b>	
<b>Customary Royalty Rate</b>	12 1/2% of value of production.
<b>Annual Rent and Other Fees</b>	Rent: \$0.50 per acre credited against royalties. Minimum royalty: \$3 per acre payable in advance beginning year 6, until production commences.
<b>Duration of Lease</b>	20 years, with right of renewal every 10 years thereafter.
<b>Size of Lease</b>	640 acres.
<b>Bonding Requirements</b>	Not less than \$5,000.
 <b><u>Other Mineral Leases on Federal and Indian Lands: Chat, Garnet, Gypsum, Iron Ore, Limestone, Sand and Gravel, and Other Solid Mineral Leases</u></b>	
<b>Customary Royalty Rate</b>	Varies by commodity and lease terms. Ranges from \$0.50 to \$5 per unit for chat, gypsum, and sand and gravel. Some leases are subject to ad valorem royalty rates.
<b>Annual Rent and Other Fees</b>	Rent varies from \$1 to \$5 per acre. Flat amount of rent or advance royalty due regardless of lease size. Can range from \$2,000 to \$1.2 million annually.
<b>Duration of Lease</b>	Varies by lease from 1 year to 20 years.
<b>Size of Lease</b>	1 acre to 40,000 acres.
<b>Bonding Requirements</b>	Lease: as determined. State: \$15,000. Nationwide: \$75,000.

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NOTE: Lease terms may be extended or modified for various reasons as authorized by regulation. A \$10 fee is required to file, transfer or assign an Indian lease. A comparable fee is required to file, transfer, or assign certain other lease commodities.

# Appendix A

## Inch-Pound/Metric Conversion

Measurements in this report use English (inch-pound) units. Federal and industry organizations are moving towards International System Units, often referred to as metric units. This appendix provides factors for converting measurements to inch-pound or metric units. To obtain the metric equivalent, multiply the inch-pound unit by the conversion factor. To obtain the inch-pound equivalent, multiply the metric unit by the conversion factor.

<b>To convert from inch-pound unit</b>	<b>Multiply by</b>	<b>To equal metric unit</b>
acre .....	0.4047 .....	hectare
barrel (42 U.S. gallons) .....	0.1589 .....	cubic meter
barrel (42 U.S. gallons) .....	0.136 .....	metric ton
cubic foot .....	0.0283 .....	cubic meter
gallon .....	3.785 .....	liter
mile .....	1.609 .....	kilometer
ton, long (2,240 U.S. lb.) .....	1.016 .....	metric ton
ton, short (2,000 U.S. lb.) .....	0.9072 .....	metric ton
 <b>To convert from metric unit</b>	 <b>Multiply by</b>	 <b>To equal inch-pound unit</b>
cubic meter .....	6.293 .....	barrel (42 U.S. gallons)
cubic meter .....	35.33 .....	cubic foot
hectare .....	2.471 .....	acre
kilometer .....	0.6215 .....	mile
liter .....	0.2642 .....	gallon
metric ton .....	7.33 .....	barrels (42 U.S. gallons)
metric ton .....	0.9843 .....	long ton (2,240 U.S. lb.)
metric ton .....	1.1023 .....	short ton (2,000 U.S. lb.)



As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering sound use of our land and water resources; protecting our fish, wildlife, and biological diversity; preserving the environmental and cultural values of our national parks and historical places; and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people by encouraging stewardship and citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.



As a bureau of the Department of the Interior, the Minerals Management Service's (MMS) primary responsibilities are to manage the mineral resources located on the Nation's Outer Continental Shelf (OCS), collect revenue from the Federal OCS and onshore Federal and Indian lands, and distribute those revenues.

Moreover, in working to meet its responsibilities, the **Offshore Minerals Management Program** administers the OCS competitive leasing program and oversees the safe and environmentally sound exploration and production of our Nation's offshore natural gas, oil and other mineral resources. The MMS **Royalty Management Program** meets its responsibilities by ensuring the efficient, timely and accurate collection and disbursement of revenue from mineral leasing and production due to Indian tribes and allottees, States and the U.S. Treasury.

The MMS strives to fulfill its responsibilities through the general guiding principles of: (1) being responsive to the public's concerns and interests by maintaining a dialogue with all potentially affected parties and (2) carrying out its programs with an emphasis on working to enhance the quality of life for all Americans by lending MMS assistance and expertise to economic development and environmental protection.